



**AUSTRALIAN BUREAU OF STATISTICS**  
**Canberra**



**EMPLOYED WAGE  
AND SALARY  
EARNERS  
AUSTRALIA**

**SEPTEMBER QUARTER 1987**

CATALOGUE NO. 6248.0



EMBARGOED UNTIL 11.30 A.M. 4 FEBRUARY 1988

EMPLOYED WAGE AND SALARY EARNERS

AUSTRALIA

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IAN CASTLES  
Australian Statistician



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Australian Statistician

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AUSTRALIAN BUREAU OF STATISTICS



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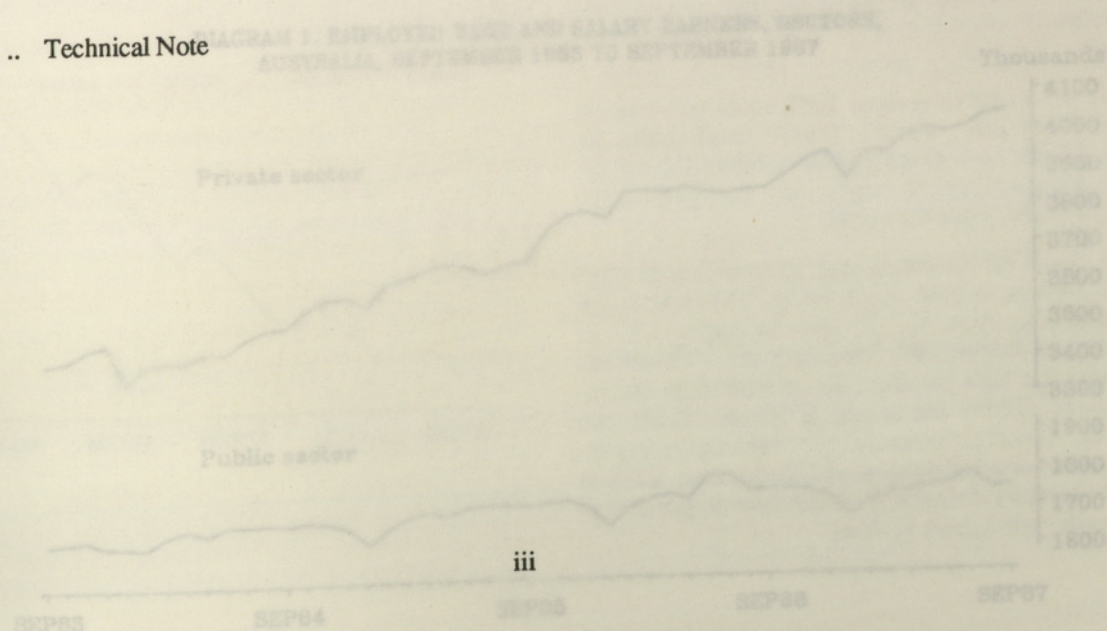
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## SUMMARY OF FINDINGS

The September 1987 estimate of the total number of employed wage and salary earners in Australia is 5,788,700. This is an increase of 38,800 since June 1987, and an increase of 184,000 or 3.3 per cent compared to September 1986.

Over the four years since the Survey of Employment and Earnings commenced in September 1983, the number of wage and salary earners has increased by 14.2 per cent.

### Private and public sectors

The increase over the twelve months to September 1987 has been concentrated in the private sector, where the number of employed wage and salary earners grew by 188,500, or 4.9 per cent, to 4,039,800. Over the same period, the estimate for the public sector showed a slight decrease of 5,000, or 0.3 per cent, to 1,748,300.

The proportion of wage and salary earners in the private sector continued to increase, from 67.5 per cent in September 1983 to 68.7 per cent in September 1986, and to 69.8 per cent in September 1987.

For July 1987, public sector employment was 1,789,800, boosted by the Australian Electoral Commission's engagement of 67,600 temporary employees to conduct the Federal Election held in the July reference period. This effect was partly offset by a fall in employment in July in the education industry due to the incidence of school holidays in most States.

The July increase can be clearly seen in Diagram 1 below, which shows the growth in public and private sector employees over the four years of the survey. The graph also shows:

- a sharp drop in the number of employees in the public sector for December and January each year, due to temporary staff in the education industry not being employed over the Christmas holidays, and

- an increase in public sector employment in June and July 1986, due to the employment of 40,700 temporary employees for the Census of Population and Housing.

### Industries

Diagram 2 shows the growth in the numbers of employed wage and salary earners for industries classified by ASIC division:

- over the four years to September 1987, since the commencement of the survey, and
- over the twelve months to September 1987.

It shows the Finance, property and business services industry as having the strongest growth, with its September 1987 total of 702,300 wage and salary earners representing an increase of 33.2 per cent over the four year period, and 7.7 per cent in the last twelve months. All subdivisions of this industry experienced strong growth, especially Property and business services with 40.8 per cent growth over the four years to 397,000.

Other industries which have continued to show relatively strong growth are Recreation and personal services (23.2 per cent over four years and 5.5 per cent over the latest twelve months to 417,500) and Community services (18.7 per cent and 4.2 per cent respectively to 1,246,200). These compare to growth rates of 14.2 per cent and 3.3 per cent over all industries. The growth in the Community services industry has been concentrated in the private sector, with a 36.8 per cent increase over four years to 458,800.

Electricity, gas and water is the only industry which shows a fall in the number of wage and salary earners over the four year period. Mining, Communication, Transport and storage, and Electricity, gas and water all show falls in the recent twelve months to September 1987.

DIAGRAM 1. EMPLOYED WAGE AND SALARY EARNERS, SECTORS, AUSTRALIA, SEPTEMBER 1983 TO SEPTEMBER 1987

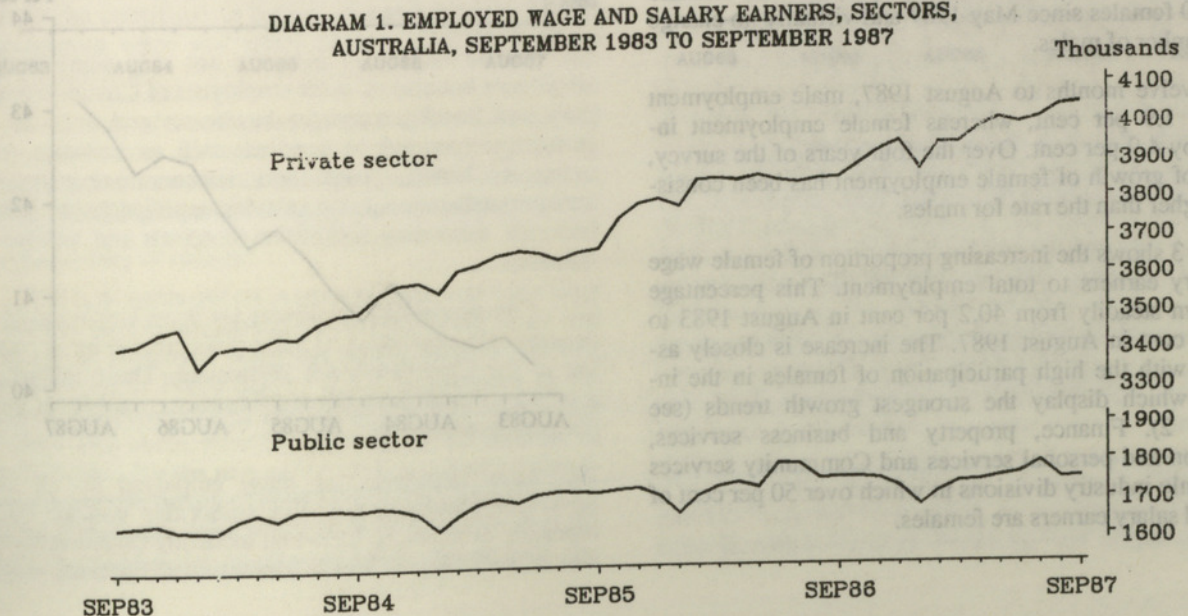
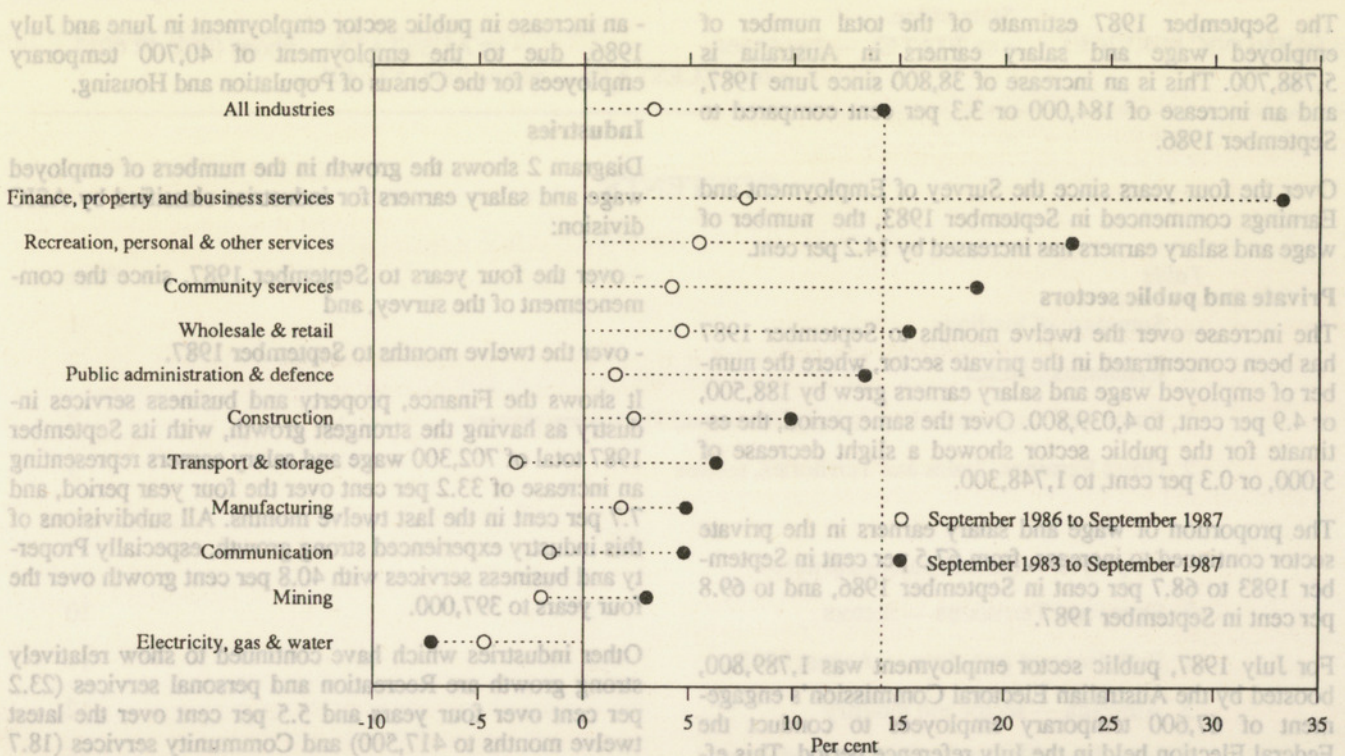




DIAGRAM 2. EMPLOYMENT GROWTH, INDUSTRIES,  
AUSTRALIA, 1983 to 1987



In the twelve months to September 1987, wage and salary earner employment in the Electricity, gas and water industry fell by 4.7 per cent to 130,400. This level is 7.2 per cent lower than the estimate for September 1983. Decreases were evident in all States except for Victoria, in the past twelve months, and the largest falls were in Queensland (down 10.6 per cent) and New South Wales (down 7.0 per cent).

#### Male and female wage and salary earners

Estimates of male and female, as well as full-time and part-time, wage and salary earners relate to the middle month of each quarter. In August 1987 there were 3,290,300 male employees and 2,489,000 female employees - an increase of 23,800 females since May 1987 and virtually no change in the number of males.

In the twelve months to August 1987, male employment grew by 1.9 per cent, whereas female employment increased by 4.9 per cent. Over the four years of the survey, the rate of growth of female employment has been consistently higher than the rate for males.

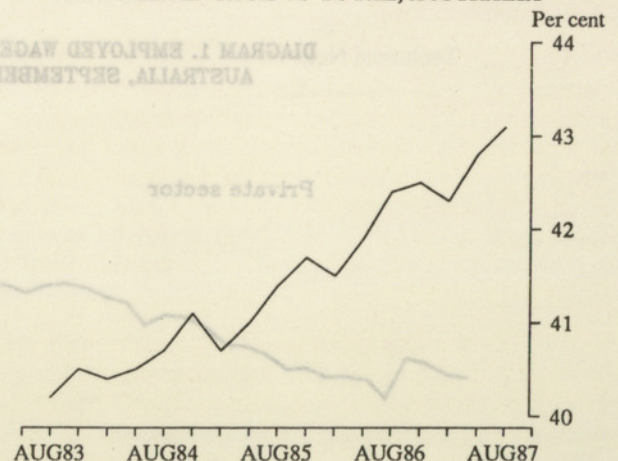
Diagram 3 shows the increasing proportion of female wage and salary earners to total employment. This percentage has grown steadily from 40.2 per cent in August 1983 to 43.1 per cent in August 1987. The increase is closely associated with the high participation of females in the industries which display the strongest growth trends (see Diagram 2). Finance, property and business services, Recreation and personal services and Community services are the only industry divisions in which over 50 per cent of wage and salary earners are females.

#### Full-time and part-time wage and salary earners

In August 1987 there were an estimated 4,445,200 full-time, and 1,334,100 part-time, wage and salary earners in Australia. This was an increase of 16,900 full-time and 6,000 part-time employees since May 1987.

Diagram 4 plots the growth in the numbers of full-time and part-time wage and salary earners over the four years to August 1987. It shows that the rate of growth in the num-

DIAGRAM 3. FEMALE WAGE AND SALARY EARNERS  
AS A PERCENTAGE OF TOTAL, AUSTRALIA





ber of part-time employees has been much greater than that of full-time employees (38.4 per cent over four years compared to 8.3 per cent). In the twelve months to August 1987, the number of part-time employees increased by 7.5 per cent compared to 2.0 per cent for full-time.

Industries which have shown the greatest growth in part-time employment over the four years to August 1987 are Finance, property and business services (growth of 59.3 per cent to 145,800 part-time employees) and Community services (47.2 per cent growth to 408,000 part-time employees). The rate of growth of part-time employment has been similar in the private and public sectors (unlike the trends for full-time employment). Part-time employment in the private sector has increased by 37.7 per cent to 1,078,700 over the four year period to August 1987. For the public sector, part-time employment grew by 41.5 per cent to 255,400.

Growth in the number of full-time wage and salary earners over the four years to August 1987 has been concentrated in the private sector with an increase of 314,400 or 11.9 per cent. For the same period full-time employment in the public sector has increased by only 25,500, or 1.7 per cent. In addition, the increase in full-time females (13.2 per cent)

has been greater than that for full-time males (5.9 per cent). The employment of full-time males in the public sector has declined slightly by 10,400 or 1.1 per cent over the four year period.

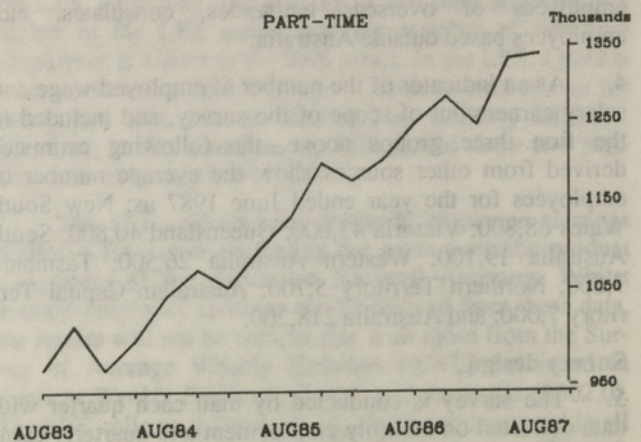
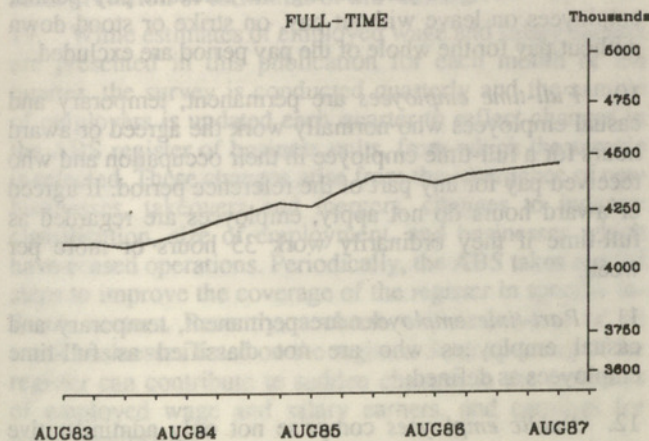
### Earnings

Total earnings for employed wage and salary earners in the September quarter 1987 are estimated as \$30,177.4m. This is an increase of \$834.9m or 2.8 per cent over the previous quarter and an increase of 9.7 per cent over the September quarter 1986. Since the September quarter 1983, total earnings have increased by 49.1 per cent.

### Revisions to series

During 1985-87 an investigation was conducted into the sector classification of State public sector units in Victoria. As a result, some units have been reclassified. This has resulted in the revision of some previously published statistics on wage and salary earners' employment and earnings for Victoria, back to the September quarter 1983. Some revisions were applied for the June quarter issue of this publication. Some additional revisions are contained in this issue. Revisions for data in series not shown in this issue are available on request.

DIAGRAM 4. GROWTH IN EMPLOYED WAGE AND SALARY EARNERS, INDUSTRIES, AUSTRALIA, AUGUST 1986 TO AUGUST 1987  
semi-logarithmic graphs (see paragraph 30)





## EXPLANATORY NOTES

### Introduction

This publication contains results of the quarterly Survey of Employment and Earnings (SEE) which was introduced in the September quarter 1983. The survey is designed to obtain, from employers, information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaces the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

2. Background information on the reasons for the introduction of the new survey is provided in *Information Paper: Review of ABS Employment Statistics* (6239.0) published on 8 July 1981. Further information on the differences in concepts, methodology and coverage of the old and new employment series is provided in *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) issued on 21 June 1984.

### Scope of the survey

3. All wage and salary earners who received pay in any pay period ending within the quarter were represented in the survey, except: members of the Australian permanent defence forces; employees of enterprises in the private sector primarily engaged in agriculture, forestry, fishing and hunting; employees in private households employing staff; employees of overseas embassies, consulates, etc; employees based outside Australia.

4. As an indicator of the number of employed wage and salary earners out of scope of the survey, and included in the first three groups above, the following estimates derived from other sources show the average number of employees for the year ended June 1987 as: New South Wales 68,800; Victoria 43,000; Queensland 40,800; South Australia 19,100; Western Australia 26,500; Tasmania 7,600; Northern Territory 5,700; Australian Capital Territory 7,000; and Australia 218,200.

### Survey design

5. The survey is conducted by mail each quarter with data collected on monthly employment and quarterly earnings. For the first and last month of each quarter, only the total number of persons is collected; for the mid month of each quarter, details of males and females, full-time and part-time are collected.

6. For the *Private sector*, a sample of approximately 20,000 private employers was selected from the ABS register of businesses to ensure adequate State and industry representation. The statistical unit for the survey comprises all activities of an enterprise in a particular State. Each statistical unit was classified to an industry which reflected the predominant activity of the enterprise in the State. In a small number of cases where an enterprise had significant employment in more than one industry, a separate statistical unit was created for each industry. Periodically, a review is undertaken to determine whether existing enterprises which are split into separate statistical units

should continue to report on that basis. In addition, larger enterprises which are not currently split into separate statistical units are examined to decide whether they should be split for the purpose of reporting employment. Any changes in reporting arrangements as a result of such reviews can have an impact on the industry estimates at the time of their implementation. The statistical units are stratified by State, industry, and size of employment. A simple random sample is selected from each stratum.

7. For the *Public sector*, statistical units are derived in the same way as for the private sector; data are collected in the survey from all public sector units.

### Definitions

8. *Reference period* for the number of employees is the last pay period ending on or before the third Friday in each month.

9. *Number of employees* refers to all employees who received pay for any part of the relevant pay period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have worked only a few hours during the reference period are included. Employees on paid leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid during the relevant pay period, employees on leave without pay, on strike or stood down without pay for the whole of the pay period are excluded.

10. *Full-time employees* are permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and who received pay for any part of the reference period. If agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

11. *Part-time employees* are permanent, temporary and casual employees who are not classified as full-time employees as defined.

12. *Public employees* comprise not only administrative employees but also all other employees of Commonwealth, State and Local government businesses and financial undertakings engaged in services such as railways, road transport, banks, postal and telecommunications, air transport, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.

13. *Commonwealth employees* are those employed by all departments, agencies and authorities created by or reporting to the Commonwealth Parliament. Those bodies run jointly by Commonwealth and State governments are classified to Commonwealth.

14. *State employees* are those employed by all State government departments and authorities created by, or reporting to, State Parliaments, including organisations for which the Commonwealth has assumed financial respon-



sibility, e.g. universities. Following self-government, the Northern Territory administration has been classified as a 'State' government.

15. *Local government employees* are those employed by municipalities and shires and other local authorities created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

16. *Reference period for earnings* constitutes all pay periods for which the end of the pay period falls within the quarter.

17. *Gross earnings* are payments to employees before tax and other items (such as superannuation) are deducted. They comprise ordinary time and overtime earnings; over-award payments; penalty payments, shift and other remunerative allowances; commissions and retainers; bonuses and similar payments; payments under incentive or piecework; payments under profit-sharing schemes; leave loadings; annual and long service leave payments; sick leave payments; advance and retrospective payments; salaries and fees paid to company directors, members of boards, committees, commissions, councils, etc.; amounts paid to employees on workers' compensation which are not covered by insurance, i.e. 'make-up' pay; and severance, termination and redundancy payments.

#### Reliability of estimates

18. Estimates are subject to sampling and non-sampling errors. For more information refer to the Technical note.

#### Interpretation of estimates of movements

19. While estimates of employed wage and salary earners are presented in this publication for each month of the quarter, the survey is conducted quarterly and the sample of employers is updated each quarter to reflect changes in the ABS register of business units, from which the sample is selected. These changes arise from the emergence of new businesses, takeovers and mergers, changes to industry classification, size of employment, and businesses which have ceased operations. Periodically, the ABS takes special steps to improve the coverage of the register in specific industry sectors. Recently, a check was undertaken of all small businesses listed on the register. Such updating of the register can contribute to sudden changes in the estimates of employed wage and salary earners, and earnings for various industries.

20. Estimates of monthly movements within each quarter arise solely from changes in reported employment by employers but movements between quarters also reflect changes resulting from updating the survey sample.

#### Comparability of results

21. The new series differs in several important ways from the former payroll tax-based civilian employees series and estimates of employed wage and salary earners obtained from the Labour Force Survey (LFS). It provides an estimate of the number of jobs occupied by people, whereas the other two series provide estimates of the number of people in jobs. For the new series, data are obtained directly from a sample survey of employers drawn from the ABS register of business units which is more complete than the coverage provided by employers subject to payroll tax.

Comparability with LFS estimates is affected by the use of a different survey methodology and definitions. In addition, because of unavoidable time delays, which can vary across States, lags occur between the birth of new businesses and their appearance on the ABS register. They will not be represented in the sample selected from the register for one or two quarters after such businesses have commenced operation. As a consequence, estimates of movements in this series will lag those produced from the LFS, particularly at a time of upward movement in the business cycle. A detailed description of the comparability between the SEE series, the former payroll tax-based Civilian Employees series and the series provided by the LFS is presented in the *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0). Additional detail on the differences between the SEE and the LFS series appears in the *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0), and in the supplement to the December 1986 issue of the *Treasury Roundup*.

22. Separate estimates of full-time and part-time employees are included in Table 4. For definitions of these terms, see paragraphs 10 and 11. This table was first published in the June quarter 1987 issue of this publication and has not been published for previous quarters back to September 1983. This information is available on request. For the reasons outlined above in paragraph 21, it is difficult to compare estimates of full-time and part-time employees derived from the SEE with those produced from the LFS. Generally, the number of full-time employees is higher in the LFS series, and the number of part-time employees is higher in the SEE series. In the LFS, a person who works more than 35 hours a week in total in two (or more) part-time jobs is classified as working full-time. However, in this situation, the SEE would show two part-time jobs as having been filled.

23. The SEE collects total quarterly employee earnings primarily for use in estimating the gross domestic product component of the Australian National Accounts. Whilst average employee earnings can be derived from these data, the results will not be comparable with those from the Survey of Average Weekly Earnings (AWE) published in *Average Weekly Earnings, States and Australia* (6302.0). The SEE collects the sum of employee earnings paid in all pay periods ending in a quarter and the results will be affected by the varying number of pay periods from quarter to quarter, whereas the AWE relates to a specified pay period within a quarter and is not subject to such influences. In addition, certain types of payments within the scope of the SEE, such as retrospective pay, pay in advance, leave loadings and severance, termination and redundancy payments are specifically excluded from the AWE. The SEE earnings data are also subject to seasonal variations particularly in December and March quarters due to the incidence of holidays taken in January being paid in advance and the earnings being reported in December quarter figures.

24. Prior to July 1983 the number of public sector employees was derived from a variety of administrative sources and published in *The Labour Force, Australia*



(6203.0). Commonwealth government departments and authorities generally reported the number of employees on the payroll on the last working day of the month, but for State and Local government employees data were usually provided for the last day of the last pay period ending in the month. In an attempt to provide unduplicated estimates of the number of persons who were wage and salary earners, certain public sector returns were adjusted to exclude some part-time employees considered to have full-time jobs elsewhere.

25. Public employment figures for July 1983 and subsequent months are based on data obtained from government departments and authorities using the same questionnaire, definitions, reference period, collection and processing procedures as for the sample of private employers.

26. Differences occur between the new and old public sector series because of the changes to collection arrangements, reference period, the treatment of part-time employees and inclusion of public employees in forestry and services to agriculture (11,200 in May 1983). To provide a statistical link between the new and old public sector series, information on the new and old basis for April, May and June 1983 was released in the September quarter 1983 issue of this publication.

#### Industry classification

27. Industry is classified according to the *Australian Standard Industrial Classification (ASIC) 1983 Edition*, (1201.0)

#### Size classification

28. To derive estimates for Table 14, each of the approximately 20,000 statistical units (see paragraph 6) in the private sector is allocated a size classification based on the number of employees actually reported for the middle month of the quarter. This size classification reflects the employment size of an enterprise in a particular State or Territory and not the employment size of an enterprise Australia wide.

29. Data presented in Table 14 shows the contribution to total employment of enterprises falling into three size groups. Over a period, the composition of these categories will vary as changes in individual employment levels cause some enterprises to migrate from one size group to another. This will have some effect on changes over time in the distribution of employment by size of enterprise.

#### Semi-logarithmic graphs

30. Diagram 4 on page 3 has been drawn using a logarithmic vertical scale to facilitate comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scale (over equal time periods) indicate equal rates of growth.

#### Related publications

31. Users may also wish to refer to the following publications which are available on request:

*The Labour Force, Australia* (6203.0) — issued monthly

*Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0) — issued 11 July 1985

*Average Weekly Earnings, Australia (Preliminary)* (6301.0) and *Average Weekly Earnings, States and Australia* (6302.0) — issued quarterly

*Pay Periodicity of Gross Wages and Salaries, Australia, September quarter 1984* (6347.0) — issued 5 September 1985

*Occasional Paper No. 1986/1: Statistics on Wages, Earnings, Income and Labour Costs — A Guide to Their Concepts, Measurement and Usage* — issued June 1986

*A Guide to Labour Statistics* (6102.0) — issued 10 February 1986

32. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released within the next few days. The Catalogue and Publications Advice are available from any ABS office.

#### Unpublished statistics

33. In some cases, the ABS can also make available other information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, diskette, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made to the officer whose name appears in the *Phone Inquiries* section of the Inquiries box at the front of this publication, or to Information Services in the nearest ABS office.

#### Electronic services

34. VIATEL. Key \*656# for selected current economic, social, and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET. For further information phone the AUSSTATS Help Desk on (062) 52 6017.

TELESTATS. This service provides foreign trade statistics tailored to users' requirements. Further information is available on (062) 52 5404.

#### Symbols and other usages

— nil or rounded to zero

r revised

s subject to sampling variability too high for most practical purposes. See paragraph 3 of the *Technical Note*.

35. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.







TABLE 1. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA, PERSONS ('000)

Month	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
PRIVATE									
1985- June	1,300.5	r 1,024.4	537.5	310.6	322.8	90.4	31.4	43.8	r 3,661.3
1986- June	1,347.1	r 1,113.4	551.0	313.7	344.9	93.8	36.7	45.2	r 3,845.7
1986- August	1,357.2	r 1,111.1	542.6	310.3	352.2	94.1	34.9	46.3	r 3,848.5
September	1,357.2	r 1,111.2	543.8	310.6	353.9	93.2	35.0	46.4	r 3,851.3
October	1,372.4	r 1,108.7	544.0	327.4	356.7	95.5	34.6	48.8	r 3,888.2
November	1,388.1	r 1,119.6	546.7	329.1	360.6	98.0	33.5	48.3	r 3,923.9
December	1,397.2	r 1,129.3	546.8	329.2	365.2	98.0	32.8	48.5	r 3,947.0
1987- January	1,369.3	r 1,098.2	543.1	318.5	363.5	97.6	32.6	47.3	r 3,870.1
February	1,391.9	r 1,120.4	552.5	321.8	371.5	98.9	33.2	49.2	r 3,939.3
March	1,390.2	r 1,128.4	550.9	322.8	366.1	99.9	32.9	49.3	r 3,940.5
April	1,406.0	r 1,137.3	560.8	324.2	366.3	101.1	33.7	49.7	r 3,979.1
May	1,412.1	r 1,148.2	564.2	325.6	367.5	101.6	34.2	50.3	r 4,003.7
June	1,410.7	r 1,140.2	563.1	324.1	366.7	100.5	34.8	49.6	r 3,989.6
July	1,420.8	1,156.1	555.0	326.5	362.0	98.0	33.5	50.4	4,002.4
August	1,430.3	1,162.2	561.8	329.9	366.6	98.6	33.4	51.3	4,034.1
September	1,432.7	1,166.5	564.0	329.9	364.9	97.6	33.0	51.2	4,039.8
PUBLIC									
1985- June	564.9	r 445.8	258.9	152.1	156.3	51.6	21.2	69.7	r 1,720.4
1986- June(a)	582.8	r 468.1	268.6	156.8	165.0	55.0	23.3	73.3	r 1,792.9
1986- August	571.1	r 458.7	260.1	155.4	159.5	53.5	22.0	72.0	r 1,752.5
September	573.2	r 456.3	261.6	154.1	159.7	53.8	22.0	72.7	r 1,753.3
October	574.0	r 458.2	260.0	155.6	158.7	53.5	22.3	72.5	r 1,754.8
November	574.2	r 453.7	258.5	156.0	159.4	53.2	22.0	72.5	r 1,749.4
December	562.2	r 449.8	256.2	154.9	156.4	53.5	22.1	71.8	r 1,726.8
1987- January	548.2	r 439.4	249.5	146.7	151.5	49.9	21.8	70.3	r 1,677.4
February	561.6	r 447.2	254.5	152.3	155.3	49.9	21.9	71.6	r 1,714.4
March	570.5	r 451.3	258.0	154.4	158.2	52.5	21.9	72.3	r 1,739.1
April	573.8	r 452.2	256.7	155.1	156.2	53.6	21.8	72.5	r 1,741.8
May	577.6	r 455.8	258.1	154.4	157.7	54.3	21.8	73.1	r 1,752.7
June	581.1	r 456.5	259.1	156.1	158.6	53.7	22.0	73.1	r 1,760.3
July(b)	581.5	470.8	265.6	161.0	162.5	55.4	21.9	71.2	1,789.8
August	572.4	457.2	255.6	156.0	157.5	53.6	21.6	70.9	1,744.7
September	576.3	456.8	254.8	155.9	158.1	53.7	21.6	71.1	1,748.3
PRIVATE AND PUBLIC									
1985- June	1,865.4	1,470.2	796.4	462.7	479.0	141.9	52.6	113.5	5,381.8
1986- June(a)	1,929.9	1,581.4	819.5	470.5	509.9	148.8	60.0	118.5	5,638.6
1986- August	1,928.3	1,569.7	802.7	465.7	511.7	147.5	56.9	118.3	5,600.9
September	1,930.4	1,567.5	805.5	464.7	513.5	147.0	57.0	119.1	5,604.7
October	1,946.5	1,566.9	804.0	483.0	515.4	149.0	56.8	121.3	5,643.0
November	1,962.3	1,573.3	805.2	485.1	520.0	151.1	55.5	120.8	5,673.3
December	1,959.4	1,579.1	803.0	484.1	521.5	151.5	55.0	120.3	5,673.8
1987- January	1,917.5	1,537.6	792.7	465.2	515.1	147.5	54.4	117.6	5,547.4
February	1,953.5	1,567.7	807.0	474.0	526.9	148.8	55.1	120.8	5,653.8
March	1,960.7	1,579.7	808.9	477.2	524.3	152.4	54.7	121.6	5,679.6
April	1,979.8	1,589.5	817.6	479.3	522.5	154.7	55.4	122.1	5,720.9
May	1,989.6	1,604.0	822.4	480.0	525.1	155.9	56.0	123.4	5,756.4
June	1,991.7	1,596.7	822.2	480.2	525.3	154.2	56.8	122.7	5,749.9
July(b)	2,002.3	1,626.9	821.2	487.5	524.5	153.4	55.4	121.6	5,792.8
August	2,002.6	1,619.4	818.0	485.9	524.0	152.2	55.0	122.2	5,779.4
September	2,009.0	1,623.3	819.3	485.8	523.0	151.3	54.7	122.3	5,788.7

(a) Includes temporary Population Census employees. (b) Includes temporary Australian Electoral Commission staff.



TABLE 2. GROSS EARNINGS, STATES AND TERRITORIES, SECTORS  
(\$m)

Quarter	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
PRIVATE									
1983-84	19,652.6	r 14,650.4	7,315.1	4,138.0	4,572.7	1,215.4	383.0	538.2	r 52,465.5
1984-85	21,719.3	r 16,403.5	8,034.9	4,729.9	5,150.5	1,381.4	494.7	640.4	r 58,554.7
1985-86	24,030.5	r 18,747.2	8,830.5	5,171.7	5,869.0	1,513.7	601.1	708.2	r 65,471.9
1986-87	26,896.8	r 21,053.4	9,490.0	5,488.3	6,646.3	1,687.9	632.9	824.0	r 72,719.6
1985-									
March	5,246.8	r 3,927.7	1,913.8	1,114.3	1,258.9	336.4	120.0	154.4	r 14,072.3
June	5,670.5	r 4,319.8	2,116.0	1,264.0	1,356.8	360.9	139.6	172.0	r 15,399.7
September	5,631.1	r 4,374.4	2,115.4	1,261.4	1,375.2	348.6	142.2	164.2	r 15,412.6
December	6,287.6	r 4,816.6	2,278.2	1,344.9	1,496.7	395.7	150.4	181.4	r 16,951.7
1986-									
March	5,872.1	r 4,590.1	2,168.6	1,248.0	1,473.4	374.4	142.8	176.8	r 16,046.2
June	6,239.7	r 4,966.1	2,268.3	1,317.3	1,523.6	395.0	165.7	185.7	r 17,061.5
September	6,498.2	r 5,153.9	2,338.2	1,318.7	1,606.6	397.0	167.7	193.8	r 17,674.2
December	6,960.5	r 5,503.3	2,429.5	1,440.3	1,701.1	440.3	157.1	205.9	r 18,838.0
1987-									
March	6,408.2	r 4,907.6	2,267.5	1,320.7	1,627.7	404.4	146.1	203.1	r 17,285.2
June	7,029.9	r 5,488.7	2,454.8	1,408.6	1,710.8	446.3	162.0	221.1	r 18,922.2
September	7,314.3	r 5,742.9	2,524.4	1,465.6	1,762.4	436.4	160.4	233.1	r 19,639.4
PUBLIC									
1983-84	10,856.6	r 8,431.0	4,630.3	2,844.4	2,752.9	954.0	461.8	1,445.7	r 32,376.7
1984-85	11,678.5	r 9,112.8	5,002.5	3,094.6	3,069.9	1,038.2	497.3	1,607.0	r 35,100.8
1985-86	12,562.3	r 9,799.5	5,363.1	3,267.9	3,299.5	1,123.2	556.4	1,777.8	r 37,749.6
1986-87	13,415.4	r 10,565.4	5,702.4	3,439.1	3,509.9	1,169.6	584.2	1,914.0	r 40,300.1
1985-									
March	2,775.7	r 2,225.8	1,232.2	714.5	728.8	236.3	115.1	380.3	r 8,408.7
June	3,074.1	r 2,294.5	1,288.2	843.2	807.2	274.5	134.9	431.3	r 9,148.0
September	2,961.2	r 2,449.0	1,297.8	782.0	777.5	265.0	124.8	410.9	r 9,068.3
December	3,295.7	r 2,496.8	1,351.3	851.3	851.2	307.4	150.8	454.7	r 9,759.3
1986-									
March	3,047.7	r 2,410.6	1,346.3	795.8	802.1	259.2	130.5	426.9	r 9,219.1
June	3,257.7	r 2,443.0	1,367.7	838.7	868.8	291.5	150.3	485.3	r 9,703.0
September	3,186.5	r 2,682.3	1,412.0	846.6	839.5	277.9	139.3	457.0	r 9,841.1
December	3,526.0	r 2,713.7	1,423.7	904.3	916.4	317.4	157.5	503.0	r 10,462.0
1987-									
March	3,170.9	r 2,552.2	1,377.1	790.1	830.2	268.7	134.5	452.9	r 9,576.6
June	3,532.0	r 2,617.3	1,489.5	898.1	923.9	305.6	152.9	501.0	r 10,420.3
September	3,433.2	r 2,849.0	1,481.4	877.3	913.1	315.3	158.7	507.0	r 10,535.2
PRIVATE AND PUBLIC									
1983-84	30,509.2	23,081.4	11,945.4	6,982.5	7,325.5	2,169.4	844.9	1,983.9	84,842.2
1984-85	33,398.0	25,516.3	13,037.4	7,824.6	8,220.4	2,419.6	992.0	2,247.4	93,655.7
1985-86	36,592.8	28,546.7	14,193.6	8,439.6	9,168.6	2,636.9	1,157.5	2,486.0	103,221.6
1986-87	40,312.1	31,618.9	15,192.4	8,927.3	10,156.2	2,857.5	1,217.1	2,737.9	113,019.7
1985-									
March	8,022.5	6,153.5	3,146.0	1,828.8	1,987.7	572.7	235.1	534.6	22,481.0
June	8,744.8	6,614.4	3,404.2	2,107.2	2,164.0	635.4	274.5	603.3	24,547.8
September	8,592.3	6,823.4	3,413.2	2,043.4	2,152.8	613.7	267.0	575.1	24,480.9
December	9,583.3	7,313.4	3,629.6	2,196.2	2,347.9	703.2	301.2	636.1	26,710.9
1986-									
March	8,919.8	7,000.7	3,514.9	2,043.9	2,275.5	633.5	273.3	603.7	25,265.3
June	9,497.4	7,409.1	3,635.9	2,156.1	2,392.4	686.5	316.0	671.0	26,764.5
September	9,684.7	7,836.2	3,750.2	2,165.3	2,446.1	674.8	307.0	650.8	27,515.2
December	10,486.4	8,217.1	3,853.3	2,344.5	2,617.5	757.8	314.6	708.9	29,300.1
1987-									
March	9,579.1	7,459.7	3,644.6	2,110.8	2,457.9	673.1	280.6	656.0	26,861.9
June	10,561.9	8,105.9	3,944.3	2,306.7	2,634.7	751.8	315.0	722.2	29,342.5
September	10,747.5	8,591.9	4,008.6	2,342.9	2,675.5	751.7	319.1	740.1	30,177.4

(a) Total Public and Commonwealth values include temporary Australian Electoral Commission employees. (b) Includes the Northern Territory Government, and employees of State governments employed in the A.C.T.



TABLE 3. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES

State, Territory/Sector	Number of employees('000)						Gross earnings	
	September 1986	June 1987	July(a) 1987	August 1987		September 1987	September Quarter 1987	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
New South Wales	1,930.4	1,991.7	2,002.3	1,147.7	855.0	2,002.6	2,009.0	10,747.5
Private	1,357.2	1,410.7	1,420.8	803.6	626.7	1,430.3	1,432.7	7,314.3
Public	573.2	581.1	581.5	344.1	228.2	572.4	576.3	3,433.2
Commonwealth	136.5	140.3	160.8	89.4	47.3	136.7	135.6	866.5
State	373.1	377.5	358.0	204.7	167.9	372.6	377.6	2,191.8
Local	63.6	63.3	62.7	50.0	13.1	63.1	63.1	374.9
Victoria	1,567.5	1,596.7	1,626.9	913.7	705.7	1,619.4	1,623.3	8,591.9
Private	r 1,111.2	r 1,140.2	1,156.1	655.0	507.2	1,162.2	1,166.5	5,742.9
Public	r 456.3	r 456.5	470.8	258.7	198.5	457.2	456.8	2,849.0
Commonwealth	101.3	99.6	116.8	67.8	32.0	99.8	99.4	634.2
State	r 312.3	r 313.2	310.9	166.8	146.6	313.5	313.4	2,014.4
Local	42.7	43.7	43.0	24.1	19.9	44.0	44.0	200.5
Queensland	805.5	822.2	821.2	475.0	343.0	818.0	819.3	4,008.6
Private	543.8	563.1	555.0	316.8	245.1	561.8	564.0	2,524.4
Public	261.6	259.1	265.6	157.9	97.7	255.6	254.8	1,481.4
Commonwealth	51.0	51.1	61.4	32.7	18.7	51.4	50.0	306.5
State	182.9	181.3	178.3	103.3	75.0	178.3	178.7	1,039.9
Local	27.7	26.7	26.5	22.3	4.2	26.5	26.6	137.8
South Australia	464.7	480.2	487.5	275.3	210.6	485.9	485.8	2,342.9
Private	310.6	324.1	326.5	186.1	143.8	329.9	329.9	1,465.6
Public	154.1	156.1	161.0	89.2	66.8	156.0	155.9	877.3
Commonwealth	36.3	36.2	42.2	26.5	9.6	36.2	36.0	226.0
State	109.4	111.7	110.7	56.8	54.7	111.5	111.5	609.0
Local	8.5	8.3	8.1	5.9	2.4	8.3	8.4	42.4
Western Australia	513.5	525.3	524.5	295.2	228.8	524.0	523.0	2,675.5
Private	353.9	366.7	362.0	207.1	159.5	366.6	364.9	1,762.4
Public	159.7	158.6	162.5	88.1	69.3	157.5	158.1	913.1
Commonwealth	27.1	27.2	33.3	17.0	9.8	26.8	26.6	169.7
State	122.2	121.1	119.1	63.6	56.5	120.2	121.0	692.3
Local	10.4	10.3	10.1	7.5	3.0	10.5	10.5	51.1
Tasmania	147.0	154.2	153.4	87.3	64.9	152.2	151.3	751.7
Private	93.2	100.5	98.0	56.3	42.3	98.6	97.6	436.4
Public	53.8	53.7	55.4	31.0	22.5	53.6	53.7	315.3
Commonwealth	10.2	10.1	12.1	7.0	3.1	10.1	10.1	63.7
State	40.1	40.1	39.7	21.2	18.7	39.9	40.0	232.8
Local	3.5	3.5	3.6	2.8	0.8	3.5	3.6	18.7
Northern Territory	57.0	56.8	55.4	31.8	23.2	55.0	54.7	319.1
Private	35.0	34.8	33.5	20.2	13.2	33.4	33.0	160.4
Public	22.0	22.0	21.9	11.6	10.0	21.6	21.6	158.7
Commonwealth	5.1	5.3	5.2	3.3	1.9	5.1	5.0	34.1
State	16.1	15.9	15.9	7.7	7.9	15.6	15.8	120.6
Local	0.9	0.8	0.8	0.6	0.3	0.8	0.8	4.0
Aust. Capital Territory	119.1	122.7	121.6	64.3	57.9	122.2	122.3	740.1
Private	46.4	49.6	50.4	25.5	25.8	51.3	51.2	233.1
Public	72.7	73.1	71.2	38.8	32.1	70.9	71.1	507.0
Australia	5,604.7	5,749.9	5,792.8	3,290.3	2,489.0	5,779.4	5,788.7	30,177.4
Private	r 3,851.3	r 3,989.6	4,002.4	2,270.5	1,763.6	4,034.1	4,039.8	19,639.4
Public	r 1,753.3	r 1,760.3	1,789.8	1,019.4	725.2	1,744.7	1,748.3	10,535.2
Commonwealth	439.6	442.5	502.4	282.2	154.3	436.5	433.4	2,804.7
State(b)	r 1,156.5	r 1,161.2	1,133.1	624.6	527.5	1,152.1	1,158.5	6,903.9
Local	157.2	156.6	154.9	113.1	43.6	156.7	157.0	829.3

(a) Total, Public and Commonwealth values include temporary Australian Electoral Commission employees. (b) Includes the Northern Territory Government, and employees of State governments employed in the ACT.

(a) Includes temporary Population Census employees. (b) Includes temporary Australian Electoral Commission staff.



TABLE 4. EMPLOYED WAGE AND SALARY EARNERS - FULL-TIME AND PART-TIME(a) - AUGUST 1987

	Number of employees('000)					
	Full-time			Part-time		
	Males	Females	Persons	Males	Females	Persons
AUSTRALIA BY INDUSTRY						
Mining	77.0	6.5	83.5	1.3	1.0	2.3
Manufacturing	738.7	226.6	965.3	30.5	60.5	91.0
Electricity, gas and water	116.9	12.6	129.5	0.5	1.5	2.0
Construction	212.4	26.9	239.3	8.9	12.1	21.0
Wholesale trade	253.8	91.6	345.4	17.5	31.9	49.4
Retail trade	254.3	175.9	430.2	87.3	233.0	320.3
Transport and storage	220.3	42.4	262.7	16.5	10.6	27.1
Communication	99.6	27.0	126.6	2.9	4.6	7.5
Finance, property and business services	293.7	263.1	556.8	39.9	106.0	145.8
Public administration and defence(b)	188.0	96.7	284.7	6.9	26.2	33.1
Community services	367.7	460.1	827.7	68.4	339.6	408.0
Recreation, personal and other services(c)	101.7	83.5	185.2	78.5	147.6	226.1
Total all industries(d)	2,931.1	1,514.1	4,445.2	359.2	974.9	1,334.1
Private	1,967.5	987.9	2,955.4	303.0	775.7	1,078.7
Public	963.2	526.0	1,489.2	56.2	199.2	255.4
STATES AND TERRITORIES						
New South Wales	1,022.0	542.7	1,564.7	125.7	312.2	437.9
Victoria	814.3	436.3	1,250.6	99.5	269.3	368.8
Queensland	422.9	204.9	627.8	52.2	138.0	190.2
South Australia	243.5	111.5	354.9	31.8	99.1	131.0
Western Australia	264.2	129.3	393.6	31.0	99.5	130.5
Tasmania	78.8	34.7	113.5	8.5	30.1	38.7
Northern Territory	27.8	16.7	44.5	4.0	6.5	10.5
Australian Capital Territory	57.7	37.8	95.6	6.6	20.1	26.7

(a)See Explanatory notes, paragraph 22. (b)Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

(c)Excludes private households employing staff. (d)Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.



TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY

Industry	Number of employees('000)							Gross earnings	
	September 1986	June 1987	July 1987	August 1987	September 1987	September Quarter 1987	Persons	Persons	\$m
PRIVATE									
Mining	79.8	77.3	78.0	70.9	7.1	78.0	77.7	739.1	
Manufacturing	985.8	1,008.2	1,003.1	727.1	281.4	1,008.5	1,007.8	5,719.5	
Electricity, gas and water	6.2	5.5	5.7	4.6	0.9	5.6	5.6	37.0	
Construction	205.0	214.0	213.5	182.3	33.8	216.1	215.6	1,269.7	
Wholesale and retail trade	1,087.9	1,125.1	1,135.1	609.6	530.8	1,140.4	1,140.2	4,691.8	
Transport and storage	148.5	142.7	143.1	107.9	36.5	144.4	144.4	851.0	
Road transport	88.0	81.8	81.3	65.8	16.5	82.2	82.0	424.0	
Other transport and storage	60.5	60.9	61.8	42.2	20.0	62.2	62.4	426.9	
Finance, property and business services	r 547.9	r 586.8	592.2	285.6	311.3	596.9	596.1	3,228.6	
Banking	80.6	84.1	83.3	37.5	45.7	83.2	83.2	417.0	
Non-bank finance and investment	r 72.2	80.6	86.9	36.5	50.9	87.4	87.0	559.3	
Insurance and services to insurance	54.5	56.1	56.8	27.1	30.0	57.2	56.8	349.2	
Property and business services	340.6	r 365.2	365.2	184.4	184.7	369.1	369.1	1,903.0	
Community services	r 419.1	r 442.7	450.4	114.4	342.3	456.7	458.8	1,909.8	
Health	r 205.6	r 218.2	227.6	38.0	190.1	228.1	229.9	946.2	
Education, museum and library services	r 88.2	r 93.1	88.6	24.7	67.6	92.3	92.9	436.6	
Welfare and religious institutions	68.9	71.6	74.5	22.1	53.6	75.7	76.2	231.3	
Other community services	r 56.5	59.9	59.7	29.6	31.0	60.6	59.9	295.8	
Recreation, personal and other services(a)	r 370.7	r 386.8	380.6	167.8	219.1	386.8	393.0	1,189.6	
Entertainment and recreational services	r 65.3	r 73.9	70.6	41.4	31.7	73.1	75.1	257.6	
Restaurants, hotels; personal services	r 305.4	r 312.8	310.1	126.3	187.4	313.7	317.9	932.0	
Total all industries(b)	r 3,851.3	r 3,989.6	4,002.4	2,270.5	1,763.6	4,034.1	4,039.8	19,639.4	
COMMONWEALTH GOVERNMENT									
Manufacturing	24.7	22.9	22.6	19.0	3.6	22.5	22.5	138.6	
Electricity, gas and water	1.7	1.7	1.7	1.5	0.2	1.7	1.7	11.6	
Construction	8.0	6.3	6.2	5.5	0.6	6.1	6.1	38.0	
Wholesale and retail trade	1.6	1.4	1.3	0.7	0.6	1.3	1.3	9.0	
Transport and storage	40.0	40.2	40.2	32.7	7.9	40.5	40.3	308.8	
Communication	135.1	136.0	133.4	102.2	31.3	133.5	132.7	815.8	
Finance, property and business services	48.7	49.7	48.0	21.2	26.8	48.0	47.9	270.0	
Public administration and defence(c)(e)	110.9	116.3	182.4	62.5	53.3	115.8	113.4	757.7	
Community services	57.3	56.1	54.5	29.4	25.5	54.9	55.2	376.1	
Recreation, personal and other services(a)	11.6	11.7	12.1	7.4	4.6	12.0	12.0	78.5	
Total all industries(e)	439.6	442.5	502.4	282.2	154.3	436.5	433.4	2,804.7	

For footnotes see end of table.



TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	September 1987	September 1987	September 1986	June 1987	July 1987	August 1987	September 1987	September Quarter 1987
	Persons	Persons	Persons	Persons	Persons	Persons	Persons	\$m
STATE GOVERNMENT								
Agriculture, forestry, fishing and hunting			8.2	8.6	8.7	7.0	8.6	8.5
Mining			6.6	7.2	7.1	6.9	7.1	7.1
Manufacturing			25.6	25.1	24.8	22.3	24.4	24.5
Electricity, gas and water			104.0	101.2	100.6	89.0	99.8	98.7
Construction			40.5	38.6	38.3	33.5	38.2	37.8
Wholesale and retail trade			3.6	3.7	3.6	2.5	3.6	3.5
Transport and storage			108.6	104.6	103.9	94.8	103.3	102.7
Finance, property and business services			55.6	57.7	57.6	26.8	57.7	58.2
Public administration and defence(c)			72.6	73.3	74.2	44.7	74.1	74.2
Community services			717.9	728.0	702.0	292.1	723.0	731.0
Recreation, personal and other services			13.2	13.1	12.2	4.9	12.3	12.3
Total all industries			1,156.5	1,161.2	1,133.1	624.6	1,152.1	1,158.5
LOCAL GOVERNMENT								
Electricity, gas and water			25.1	24.7	24.6	22.3	24.5	24.4
Public administration and defence(c)			127.4	128.0	125.8	87.7	127.8	128.2
Other industries			4.7	3.9	4.5	3.1	4.5	4.5
Total all industries			157.2	156.6	154.9	113.1	156.7	157.0

For footnotes see end of table.



TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)							Gross earnings	
	September 1986	June 1987	July 1987	August 1987	September 1987	September 1987	September 1987	September 1987	\$m
TOTAL PUBLIC									
Agriculture, forestry, fishing and hunting	8.3	8.8	8.8	7.2	1.6	8.8	8.7	51.0	
Mining	7.3	7.2	7.2	7.0	0.3	7.2	7.2	61.2	
Manufacturing	51.2	48.9	48.3	42.1	5.7	47.9	47.9	275.1	
Electricity, gas and water	130.8	127.6	126.9	112.8	13.2	126.0	124.8	870.7	
Construction	48.5	44.9	44.5	39.1	5.2	44.3	43.9	276.0	
Wholesale and retail trade	5.3	5.2	4.9	3.2	1.7	4.9	4.9	29.3	
Transport and storage	150.1	146.3	145.6	128.9	16.5	145.3	144.6	1,005.2	
Road transport	20.1	20.4	20.4	18.5	1.9	20.4	20.4	131.9	
Other transport and storage	130.0	125.9	125.2	110.4	14.5	124.9	124.2	873.4	
Communication	135.1	136.0	133.4	102.2	31.3	133.5	132.7	815.8	
Finance, property and business services	104.4	107.4	105.6	48.0	57.7	105.7	106.1	563.2	
Banking	60.5	63.1	61.9	27.9	34.0	61.9	61.9	318.0	
Non-bank finance and investment	2.5	2.5	2.6	1.5	1.1	2.6	2.6	18.6	
Insurance and services to insurance	13.3	13.1	13.5	5.2	8.4	13.6	13.7	80.2	
Property and business services	28.1	28.6	27.7	13.4	14.3	27.6	27.9	146.4	
Public administration and defence(c)(e)	310.9	317.7	382.4	194.9	122.8	317.7	315.7	1,891.6	
Community services	776.5	785.2	757.7	321.7	457.3	779.0	787.3	4,566.0	
Health	282.8	282.9	282.2	77.8	206.2	284.1	284.7	1,647.9	
Education, museum and library services	379.9	382.6	356.8	158.1	218.2	376.3	383.9	2,153.9	
Welfare and religious institutions	15.0	18.7	18.1	5.4	12.6	18.1	18.1	77.4	
Other community services	98.7	101.1	100.6	80.4	20.2	100.6	100.6	686.8	
Recreation, personal and other services	24.9	25.0	24.5	12.5	12.0	24.5	24.5	129.9	
Total all industries(e)	1,753.3	1,760.3	1,789.8	1,019.4	725.2	1,744.7	1,748.3	10,535.2	
PRIVATE AND PUBLIC									
Mining	87.1	84.5	85.7	78.3	7.6	85.8	85.4	803.1	
Coal	33.4	33.0	33.0	31.8	0.9	32.7	32.1	357.5	
Other mining	53.7	51.5	52.7	46.5	6.7	53.1	53.3	445.6	
Manufacturing	1,037.0	1,057.0	1,051.4	769.2	287.1	1,056.3	1,055.7	5,994.7	
Food, beverages and tobacco	174.8	177.0	174.3	121.2	54.2	175.4	176.4	965.8	
Textiles	32.6	32.0	32.1	19.2	12.6	31.8	31.7	173.2	
Clothing	63.5	62.2	63.2	13.9	50.7	64.6	63.4	256.7	
Footwear	12.9	12.8	12.9	5.2	7.5	12.8	12.7	56.8	
Wood and wood products	44.4	45.2	43.9	38.3	6.2	44.5	44.4	221.6	
Furniture and mattresses	30.0	33.4	34.0	27.7	6.5	34.2	34.2	157.7	
Paper and paper products	23.8	24.2	23.7	19.3	4.5	23.8	23.9	156.0	
Printing and allied industries	82.4	83.7	91.6	58.8	33.2	92.0	92.8	509.3	
Chemicals	53.9	53.3	53.0	37.2	16.2	53.4	53.6	380.1	
Petroleum and coal products	5.2	5.4	5.4	4.9	0.5	5.4	5.4	48.8	
Non-metallic mineral products	41.2	42.1	43.5	37.7	5.6	43.3	43.4	274.1	
Basic iron and steel	45.6	47.2	46.8	42.6	3.9	46.5	46.5	341.6	
Other basic metal products	27.3	29.1	28.9	26.0	2.7	28.8	28.7	203.6	
Fabricated metal products	95.6	97.0	95.0	79.3	16.5	95.8	95.6	517.1	
Motor vehicles and parts	66.5	68.2	66.3	55.5	11.0	66.5	66.7	388.5	
Other transport equipment	45.7	45.0	45.5	42.6	2.8	45.5	45.2	259.7	
Other machinery and equipment	132.6	137.0	129.2	97.3	32.4	129.7	129.0	741.4	
Miscellaneous manufacturing	59.2	62.3	62.2	42.5	20.0	62.6	62.2	342.7	

For footnotes see end of table.



TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)							Gross earnings	
	September 1986	June 1987	July 1987	August 1987		September 1987	September 1987	September Quarter 1987	\$m
	Persons	Persons	Persons	Males	Females	Persons	Persons		
PRIVATE AND PUBLIC-continued									
Electricity, gas and water	136.9	133.1	132.5	117.4	14.1	131.6	130.4		907.7
Electricity and gas	91.9	90.0	88.9	78.7	9.7	88.3	87.8		630.6
Water, sewerage and drainage	45.1	43.1	42.9	38.2	4.3	42.5	41.9		267.9
Construction	253.5	259.0	258.1	221.3	39.0	260.4	259.5		1,545.7
Wholesale and retail trade	1,093.2	1,130.4	1,140.0	612.8	532.5	1,145.3	1,145.0		4,721.1
Wholesale trade	371.2	382.6	391.9	271.2	123.5	394.8	395.7		2,307.1
Retail trade	722.0	747.8	748.2	341.6	408.9	750.5	749.3		2,414.0
Motor vehicles, petrol, tyres	160.9	166.4	170.7	135.5	36.6	172.0	171.7		741.6
Other retail trade	561.1	581.3	577.5	206.1	372.3	578.4	577.6		1,672.5
Transport and storage	298.6	289.0	288.7	236.8	53.0	289.8	289.0		1,856.2
Road transport	108.1	102.3	101.7	84.3	18.4	102.7	102.3		555.9
Rail transport	87.2	83.7	83.0	76.5	5.8	82.3	81.9		541.8
Water transport	10.0	8.3	8.7	7.0	1.6	8.6	8.6		64.9
Air transport	29.5	30.3	29.8	20.9	9.6	30.5	30.6		239.0
Other transport and storage	63.9	64.5	65.6	48.1	17.5	65.7	65.7		454.6
Communication	135.5	136.5	134.0	102.5	31.6	134.1	133.3		819.2
Finance, property and business services	652.3	694.2	697.9	333.6	369.0	702.6	702.3		3,791.7
Banking	141.1	147.2	145.1	65.3	79.7	145.1	145.1		735.1
Non-bank finance	39.7	40.6	44.2	16.7	27.7	44.4	44.5		276.2
Investment; services to finance and investment	35.0	42.5	45.3	21.4	24.2	45.6	45.1		301.8
Insurance and services to insurance	67.8	69.2	70.4	32.4	38.4	70.8	70.5		429.4
Property and business services	368.7	393.8	392.9	197.8	198.9	396.7	397.0		2,049.3
Public admin. and defence(c)(e)	310.9	317.7	382.4	194.9	122.8	317.7	315.7		1,891.6
Commonwealth government admin.(e)	84.8	93.1	159.5	47.7	45.3	93.0	90.7		619.3
State government admin.	64.2	67.1	67.8	40.9	26.8	67.7	67.8		443.8
Local government admin.	127.3	128.1	125.8	87.7	40.1	127.8	128.2		646.0
Other public admin. and defence(c)	34.6	29.4	29.3	18.6	10.6	29.2	29.1		182.5
Community services	1,195.6	1,227.9	1,208.1	436.1	799.6	1,235.7	1,246.2		6,475.8
Health	488.4	501.0	509.8	115.8	396.4	512.2	514.5		2,594.1
Education, museum and library services	468.1	475.7	445.5	182.7	285.8	468.6	476.8		2,590.5
Welfare and religious institutions	83.9	90.3	92.6	27.5	66.2	93.7	94.3		308.6
Other community services	155.2	160.9	160.3	110.0	51.2	161.2	160.5		982.7
Recreation, personal and other services(a)	395.7	411.8	405.1	180.2	231.1	411.3	417.5		1,319.5
Entertainment and recreational services	86.4	95.3	91.1	52.5	41.1	93.6	95.6		369.9
Restaurants, hotels; personal services	309.3	316.5	314.0	127.7	190.0	317.7	321.9		949.6
Total all industries(d)(e)	5,604.7	5,749.9	5,792.8	3,290.3	2,489.0	5,779.4	5,788.7		30,177.4

(a)Excludes private households employing staff. (b)Includes employees of private enterprises classified to communication. (c)Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d)Includes employees of government agencies classified to agriculture, forestry, fishing and hunting. (e) For July 1987 includes temporary Australian Electoral Commission employees.



TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES - SECTOR AND INDUSTRY

Industry	Number of employees('000)							Gross earnings	
	September 1987	September 1987	September 1987	September 1987	September 1987	September 1987	September 1987	September 1987	September 1987
	Persons	Persons	Persons	Persons	Persons	Persons	Persons	Persons	Persons
PRIVATE									
Mining	23.2	22.7	22.7	21.4	1.2	22.6	22.3	232.5	
Manufacturing	349.7	354.6	352.7	252.9	100.5	353.4	353.3	2,098.8	
Electricity, gas and water; construction	74.9	78.2	78.0	65.0	13.3	78.3	77.7	472.3	
Wholesale and retail trade	377.5	394.5	398.8	217.1	182.6	399.7	400.8	1,770.0	
Transport and storage	50.1	48.2	49.4	36.5	13.5	50.1	49.9	300.4	
Finance, property and business services	209.3	227.6	227.4	110.0	118.0	228.0	227.1	1,270.3	
Banking	29.5	30.9	30.6	13.3	17.2	30.5	30.5	160.9	
Non-bank finance, investment and insurance	50.0	55.5	56.2	24.9	31.3	56.2	56.0	371.7	
Property and business services	129.8	141.2	140.6	71.8	69.5	141.3	140.6	737.6	
Community services	139.6	146.3	151.6	36.7	117.8	154.5	156.7	696.2	
Health	74.2	76.6	81.8	14.6	67.6	82.3	83.3	379.0	
Education, museum and library services	29.8	32.2	30.3	7.1	24.7	31.7	32.5	153.1	
Welfare and other community services	35.7	37.5	39.5	15.0	25.5	40.5	40.9	164.2	
Recreation, personal and other services(a)	132.5	138.3	139.9	63.8	79.6	143.4	144.5	471.6	
Total all industries(b)	1,357.2	1,410.7	1,420.8	803.6	626.7	1,430.3	1,432.7	7,314.3	
PUBLIC									
Agriculture, forestry, fishing and hunting	2.8	3.3	3.2	2.5	0.6	3.1	3.1	18.7	
Mining	3.4	3.7	3.8	3.8	0.1	3.8	3.8	35.9	
Manufacturing	19.3	19.0	18.6	17.0	1.4	18.5	18.4	107.6	
Electricity, gas and water; construction	63.0	60.8	60.5	53.4	6.5	59.9	59.2	395.7	
Wholesale and retail trade	0.9	1.0	0.9	0.5	0.3	0.9	0.9	5.4	
Transport and storage	58.6	57.1	56.6	49.1	7.6	56.8	56.5	403.4	
Communication	48.5	49.6	47.6	37.0	11.0	48.0	47.5	296.2	
Finance, property and business services	44.2	46.4	45.9	18.2	27.7	45.8	46.1	239.6	
Banking	25.0	26.5	25.7	11.3	14.3	25.7	25.5	141.1	
Non-bank finance, investment and insurance	5.2	5.1	5.3	2.0	3.3	5.3	5.3	34.7	
Property and business services	13.9	14.8	15.0	4.8	10.0	14.8	15.2	63.9	
Public administration and defence(c)(e)	92.7	94.3	118.9	60.2	34.4	94.6	94.1	555.7	
Community services	231.4	236.6	216.2	97.5	134.3	231.8	237.6	1,320.8	
Health	82.0	82.5	81.6	23.0	59.8	82.8	82.6	522.7	
Education, museum and library services	111.1	112.2	93.1	47.1	60.6	107.7	113.7	570.2	
Welfare and other community services	38.3	42.0	41.5	27.3	13.9	41.3	41.2	227.9	
Recreation, personal and other services	8.3	9.2	9.3	4.9	4.3	9.3	9.3	54.2	
Total all industries(e)	573.2	581.1	581.5	344.1	228.2	572.4	576.3	3,433.2	

For footnotes see end of table.

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TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)										Gross earnings
	September 1986	June 1987	July 1987	August 1987		September 1987	September Quarter 1987				
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m			
PRIVATE AND PUBLIC											
Mining	26.6	26.4	26.5	25.2	1.2	26.4	26.1	268.4			
Manufacturing	369.1	373.6	371.3	269.9	102.0	371.9	371.7	2,206.4			
Food, beverages and tobacco	53.8	54.7	54.2	36.0	17.3	53.4	53.7	315.8			
Textiles; clothing and footwear	33.6	31.6	32.1	11.5	21.1	32.6	32.3	142.7			
Wood and wood products	13.7	14.1	14.0	12.1	2.1	14.1	14.2	74.1			
Furniture and mattresses	10.2	11.4	11.9	9.5	2.5	12.0	11.9	56.8			
Paper, paper products, printing and publishing	34.3	36.3	37.6	24.4	13.2	37.6	37.8	229.3			
Chemical, petroleum and coal products	25.9	25.4	25.6	17.0	8.7	25.6	25.7	196.5			
Non-metallic mineral products	13.3	14.1	14.6	12.5	2.0	14.6	14.7	95.8			
Basic metal products	37.5	38.0	37.9	34.7	3.0	37.7	37.6	275.1			
Fabricated metal products	36.1	36.3	35.0	29.3	6.4	35.7	35.2	196.8			
Motor vehicles and parts	10.1	9.5	9.6	8.1	1.4	9.6	9.5	54.8			
Other transport equipment	17.5	18.2	18.2	16.9	1.2	18.0	17.9	98.7			
Other machinery and equipment	60.9	60.8	55.3	41.6	13.8	55.4	55.1	328.2			
Miscellaneous manufacturing	22.1	23.2	25.3	16.4	9.3	25.6	26.0	141.9			
Electricity, gas and water	50.0	47.6	47.5	41.9	5.1	47.0	46.5	320.8			
Construction	87.9	91.4	90.9	76.5	14.6	91.1	90.4	547.2			
Wholesale and retail trade	378.4	395.5	399.7	217.6	183.0	400.5	401.7	1,775.4			
Wholesale trade	141.9	143.9	148.1	99.4	50.6	150.0	149.4	918.3			
Retail trade	236.5	251.5	251.6	118.2	132.3	250.5	252.3	857.1			
Motor vehicles, petrol, tyres	57.5	58.8	62.4	49.8	12.5	62.3	62.3	284.0			
Other retail trade	179.1	192.7	189.2	68.3	119.8	188.2	190.0	573.1			
Transport and storage	108.7	105.4	106.0	85.7	21.2	106.9	106.3	703.7			
Road transport	34.5	33.4	33.8	28.0	6.3	34.3	34.1	197.7			
Other transport and storage	74.1	72.0	72.2	57.6	14.9	72.5	72.3	506.0			
Communication	48.8	49.9	47.9	37.1	11.2	48.3	47.9	298.3			
Finance, property and business services	253.6	274.1	273.3	128.1	145.7	273.8	273.2	1,509.9			
Banking	54.5	57.5	56.3	24.6	31.6	56.2	56.0	302.0			
Non-bank finance and investment	30.2	36.3	37.4	16.2	21.1	37.4	37.4	251.2			
Insurance and services to insurance	25.1	24.3	24.1	10.7	13.5	24.2	23.9	155.2			
Property and business services	143.8	156.0	155.5	76.6	79.5	156.1	155.8	801.5			
Public admin. and defence(c)(e)	92.7	94.3	118.9	60.2	34.4	94.6	94.1	555.7			
Commonwealth government admin.(c)	18.1	20.2	44.6	9.2	10.7	19.9	19.3	120.7			
State government admin.	21.3	22.8	23.5	13.3	10.1	23.4	23.5	145.0			
Local government admin.	43.0	43.1	42.6	32.0	11.1	43.1	43.0	241.4			
Other public admin. and defence(c)	10.2	8.2	8.3	5.7	2.5	8.2	8.2	48.5			
Community services	371.0	382.9	367.8	134.2	252.1	386.3	394.3	2,017.1			
Health	156.1	159.1	163.4	37.7	127.4	165.1	165.9	901.7			
Education, museum and library services	140.8	144.4	123.5	54.2	85.2	139.4	146.2	723.2			
Welfare and other community services	74.0	79.4	81.0	42.3	39.5	81.8	82.1	392.1			
Recreation, personal and other services(a)	140.8	147.4	149.2	68.7	83.9	152.6	153.8	525.8			
Entertainment and recreational services	33.0	33.2	32.1	17.5	15.5	33.0	33.2	152.0			
Restaurants, hotels; personal services	107.8	114.2	117.1	51.2	68.4	119.6	120.6	373.9			
Total all industries(d)(e)	1,930.4	1,991.7	2,002.3	1,147.7	855.0	2,002.6	2,009.0	10,747.5			

(a)Excludes private households employing staff. (b)Includes employees of private enterprises classified to communication. (c)Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d)Includes employees of government agencies classified to agriculture, forestry, fishing and hunting. (e) For July 1987 includes temporary Australian Electoral Commission employees.



TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA - SECTOR AND INDUSTRY

Industry	Number of employees('000)										Gross earnings
											September Quarter 1987
	September 1986	June 1987	July 1987	August 1987		September 1987					
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m			
PRIVATE											
Mining	4.4	4.7	4.9	4.6	0.6	5.2	5.2	45.2			
Manufacturing	339.8	344.6	344.1	238.6	107.6	346.2	345.8	1,956.1			
Electricity, gas and water, construction	53.9	57.6	57.8	48.4	9.6	58.0	57.6	328.7			
Wholesale and retail trade	305.9	315.4	310.4	165.3	145.7	311.0	312.1	1,326.8			
Transport and storage	36.1	37.5	38.5	28.7	9.5	38.2	38.6	237.9			
Finance, property and business services	160.4	171.4	183.9	94.8	91.4	186.1	186.4	1,050.7			
Banking	23.5	24.8	24.8	12.1	12.8	24.8	25.0	136.8			
Non-bank finance, investment and insurance	38.8	41.0	45.3	21.5	24.0	45.6	45.0	295.9			
Property and business services	98.1	105.5	113.8	61.2	54.6	115.7	116.4	618.1			
Community services	115.7	120.5	125.1	31.1	95.5	126.6	126.9	521.6			
Health	45.8	48.7	55.5	9.4	45.6	55.1	56.1	218.4			
Education, museum and library services	29.7	31.4	29.5	9.0	21.7	30.7	30.5	151.0			
Welfare and other community services	40.2	40.4	40.1	12.6	28.2	40.8	40.3	152.2			
Recreation, personal and other services(a)	95.1	88.5	91.3	43.5	47.3	90.8	93.8	275.1			
Total all industries(b)	1,111.2	1,140.2	1,156.1	655.0	507.2	1,162.2	1,166.5	5,742.9			
PUBLIC											
Agriculture, forestry, fishing and hunting	-	-	-	-	-	-	-	0.1			
Mining	2.1	2.1	2.1	2.1	-	2.2	2.2	16.3			
Manufacturing	15.8	14.8	14.9	12.3	2.5	14.8	14.7	88.9			
Electricity, gas and water, construction	46.8	46.6	46.3	41.2	5.1	46.3	45.9	327.3			
Wholesale and retail trade	1.5	1.4	1.3	0.8	0.5	1.3	1.3	9.4			
Transport and storage	33.7	32.6	32.7	28.6	3.8	32.5	32.4	246.1			
Communication	35.9	36.0	36.0	27.2	8.8	36.0	35.9	214.1			
Finance, property and business services	22.5	22.9	22.8	10.7	12.1	22.8	22.9	119.1			
Banking	16.1	16.9	16.8	7.7	9.2	16.9	16.9	80.9			
Non-bank finance, investment and insurance	3.1	3.0	3.0	1.1	1.8	3.0	3.0	18.5			
Property and business services	3.3	3.0	2.9	1.8	1.1	3.0	2.9	19.7			
Public administration and defence(c)(e)	79.9	83.2	99.2	47.3	36.0	83.2	83.0	462.0			
Community services	213.0	211.7	210.2	86.1	126.7	212.8	213.2	1,341.9			
Health	84.6	84.6	84.5	22.7	62.2	84.9	85.4	473.9			
Education, museum and library services	101.3	100.9	99.4	43.7	57.9	101.6	101.5	662.3			
Welfare and other community services	27.1	26.2	26.2	19.8	6.5	26.3	26.3	205.7			
Recreation, personal and other services	5.2	5.2	5.3	2.4	3.0	5.3	5.3	23.8			
Total all industries(c)	456.3	456.5	470.8	258.7	198.5	457.2	456.8	2,849.0			

For footnotes see end of table.



TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)							Gross earnings	
	September 1986	June 1987	July 1987	August 1987		September 1987	September Quarter 1987	\$m	
	Persons	Persons	Persons	Males	Females	Persons	Persons		
PRIVATE AND PUBLIC									
Mining	6.5	6.8	7.0	6.7	0.6	7.4	7.4	61.5	
Manufacturing	355.5	359.3	358.9	251.0	110.1	361.0	360.5	2,045.0	
Food, beverages and tobacco	48.8	49.6	47.1	32.9	15.0	47.9	48.5	268.0	
Textiles; clothing and footwear	58.7	59.0	59.5	20.3	39.5	59.8	58.7	270.8	
Wood and wood products	10.8	10.3	10.1	8.6	1.7	10.3	10.1	49.3	
Furniture and mattresses	8.3	9.7	10.0	8.1	2.1	10.1	10.1	47.7	
Paper, paper products, printing and publishing	35.5	35.0	40.2	28.5	12.2	40.6	41.4	236.1	
Chemical, petroleum and coal products	22.0	20.6	20.3	15.3	5.2	20.6	20.5	150.5	
Non-metallic mineral products	12.0	12.5	13.4	11.5	1.8	13.3	13.3	85.0	
Basic metal products	12.3	13.1	12.9	11.0	1.8	12.7	12.7	94.1	
Fabricated metal products	28.9	29.4	29.4	23.9	5.3	29.2	29.3	159.9	
Motor vehicles and parts	39.5	40.5	39.0	31.5	7.6	39.2	39.2	236.5	
Other transport equipment	13.9	13.5	13.6	12.6	0.9	13.5	13.5	83.1	
Other machinery and equipment	42.3	42.4	41.0	30.3	10.7	41.0	41.0	236.9	
Miscellaneous manufacturing	22.5	23.7	22.5	16.6	6.2	22.8	22.2	126.9	
Electricity, gas and water	38.9	39.3	39.1	34.9	4.3	39.2	38.9	278.4	
Construction	61.8	64.8	65.0	54.7	10.4	65.1	64.6	377.6	
Wholesale and retail trade	307.4	316.9	311.7	166.0	146.3	312.3	313.4	1,336.2	
Wholesale trade	110.5	116.6	115.7	78.0	36.9	114.9	117.0	703.8	
Retail trade	197.0	200.3	196.0	88.1	109.4	197.4	196.5	632.4	
Motor vehicles, petrol, tyres	34.4	36.0	39.4	31.6	8.8	40.4	40.4	172.9	
Other retail trade	162.6	164.3	156.6	56.5	100.5	157.0	156.1	459.5	
Transport and storage	69.8	70.1	71.1	57.3	13.3	70.6	71.1	484.0	
Road transport	25.4	27.1	27.8	23.0	4.5	27.5	27.8	151.9	
Other transport and storage	44.4	43.0	43.3	34.4	8.8	43.2	43.3	332.1	
Communication	35.9	36.1	36.1	27.3	8.8	36.1	36.0	214.8	
Finance, property and business services	182.9	194.3	206.7	105.5	103.5	209.0	209.2	1,169.8	
Banking	39.7	41.7	41.6	19.8	21.9	41.7	41.9	217.7	
Non-bank finance and investment	19.2	20.0	23.2	10.5	12.6	23.1	22.7	157.9	
Insurance and services to insurance	22.7	24.0	25.1	12.2	13.3	25.4	25.2	156.4	
Property and business services	101.3	108.5	116.7	63.0	55.7	118.7	119.4	637.8	
Public admin. and defence(c)(e)	79.8	83.2	99.2	47.3	36.0	83.2	83.0	462.0	
Commonwealth government admin.(c)	12.8	14.5	31.7	7.6	7.3	14.9	14.7	96.7	
State government admin.	17.5	18.6	18.2	11.7	6.4	18.1	18.0	126.9	
Local government admin.	40.2	41.4	40.6	22.6	19.0	41.6	41.6	186.6	
Other public admin. and defence(c)	9.3	8.7	8.6	5.3	3.3	8.6	8.6	51.8	
Community services	328.7	332.2	335.3	117.2	222.2	339.4	340.1	1,863.5	
Health	130.4	133.2	140.0	32.1	107.8	140.0	141.5	692.3	
Education, museum and library services	131.0	132.4	129.0	52.7	79.6	132.3	132.0	813.3	
Welfare and other community services	67.3	66.6	66.3	32.4	34.7	67.1	66.6	357.9	
Recreation, personal and other services(a)	100.3	93.8	96.7	45.8	50.3	96.1	99.1	299.0	
Entertainment and recreational services	24.8	25.8	24.9	16.0	9.8	25.8	27.4	80.9	
Restaurants, hotels; personal services	75.6	68.0	71.7	29.8	40.5	70.3	71.7	218.1	
Total all industries(d)(e)	1,567.5	1,596.7	1,626.9	913.7	705.7	1,619.4	1,623.3	8,591.9	

(a)Excludes private households employing staff. (b)Includes employees of private enterprises classified to communication. (c)Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d)Includes employees of government agencies classified to agriculture, forestry, fishing and hunting. (e) For July 1987 includes temporary Australian Electoral Commission employees.



TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND - SECTOR AND INDUSTRY

		Number of employees('000)										Gross earnings
		September 1986					September 1987					September Quarter 1987
		Persons					Persons					\$m
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For footnotes see end of table.



TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	September 1986	June 1987	July 1987	August 1987		September 1987	September Quarter 1987	\$m
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC								
Mining	20.8	17.3	18.0	16.6	1.4	18.0	17.8	178.3
Coal	10.0	9.7	10.0	9.4	0.5	9.9	9.7	117.1
Other mining	10.8	7.6	8.0	7.1	0.9	8.1	8.1	61.2
Manufacturing	117.5	125.6	123.2	95.4	27.9	123.3	124.2	666.6
Food, beverages and tobacco	34.1	35.8	36.4	26.9	9.5	36.4	36.4	199.3
Textiles; clothing and footwear	4.8	4.7	4.7	1.4	3.3	4.7	4.7	19.3
Wood and wood products	6.2	6.8	6.1	5.4	0.9	6.3	6.3	28.1
Furniture and mattresses	4.7	5.1	4.1	3.6	0.5	4.1	4.2	18.6
Paper, paper products, printing and publishing	11.4	12.7	12.6	8.1	4.3	12.4	12.5	64.7
Chemical, petroleum and coal products	4.3	5.8	5.5	3.8	1.7	5.5	5.7	34.2
Non-metallic mineral products	6.3	6.6	6.7	5.9	0.8	6.7	6.8	40.8
Basic metal products	6.4	7.3	7.1	6.5	0.5	7.0	7.2	48.5
Fabricated metal products	13.3	13.7	13.1	11.3	1.9	13.2	13.5	69.1
Motor vehicles and parts	3.8	3.8	3.5	3.3	0.4	3.6	3.7	18.6
Other transport equipment	8.0	8.1	8.5	8.1	0.5	8.6	8.4	48.2
Other machinery and equipment	8.8	9.7	10.0	7.8	2.2	10.0	10.1	52.4
Miscellaneous manufacturing	5.4	5.5	4.9	3.4	1.3	4.7	4.6	25.1
Electricity, gas and water	17.9	16.8	16.4	14.1	2.0	16.1	16.0	119.5
Construction	45.0	45.1	43.9	38.6	5.9	44.5	45.3	266.0
Wholesale and retail trade	169.1	170.5	175.7	94.3	84.0	178.3	178.7	652.4
Wholesale trade	51.4	51.6	54.0	40.0	15.3	55.3	55.1	272.9
Retail trade	117.7	118.9	121.7	54.3	68.7	123.1	123.5	379.5
Motor vehicles, petrol, tyres	28.1	28.9	29.2	22.7	7.1	29.8	29.5	120.8
Other retail trade	89.6	90.0	92.4	31.7	61.6	93.3	94.0	258.7
Transport and storage	58.3	51.8	50.7	43.2	8.0	51.2	50.6	291.8
Road transport	22.0	16.0	14.6	11.9	3.2	15.1	14.8	67.7
Other transport and storage	36.3	35.8	36.1	31.4	4.8	36.2	35.8	224.2
Communication	22.1	22.6	22.2	17.2	5.0	22.2	22.0	131.0
Finance, property and business services	75.9	77.2	77.7	35.6	42.1	77.6	76.8	384.3
Banking	18.8	18.8	18.6	8.2	10.5	18.6	18.7	89.9
Non-bank finance and investment	8.0	9.2	11.4	4.5	6.9	11.4	11.3	63.5
Insurance and services to insurance	7.4	7.7	7.5	3.2	4.4	7.6	7.6	41.3
Property and business services	41.8	41.5	40.2	19.8	20.3	40.0	39.2	189.6
Public admin. and defence(c)(e)	43.1	43.6	53.6	29.1	14.5	43.7	42.6	234.0
Commonwealth government admin.(e)	8.6	9.7	20.6	4.7	5.8	10.5	9.4	57.4
State government admin.	9.9	9.6	9.4	5.7	3.8	9.5	9.4	54.4
Local government admin.	21.5	21.2	20.5	16.8	3.6	20.4	20.6	104.8
Other public admin. and defence(c)	3.1	3.1	3.1	2.0	1.3	3.2	3.1	17.4
Community services	174.5	181.7	176.6	64.0	114.2	178.2	179.0	892.9
Health	68.9	73.2	71.6	16.5	55.9	72.3	72.2	331.4
Education, museum and library services	70.9	73.1	70.3	26.7	44.6	71.2	72.1	393.2
Welfare and other community services	34.7	35.5	34.7	20.8	13.8	34.6	34.7	168.3
Recreation, personal and other services(a)	58.6	67.5	60.8	24.9	37.6	62.5	64.0	178.1
Entertainment and recreational services	8.7	14.4	11.8	6.3	5.6	11.9	12.9	45.1
Restaurants, hotels; personal services	49.9	53.1	49.0	18.6	31.9	50.6	51.0	133.0
Total all industries(d)(e)	805.5	822.2	821.2	475.0	343.0	818.0	819.3	4,008.6

(a)Excludes private households employing staff. (b)Includes employees of private enterprises classified to communication. (c)Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d)Includes employees of government agencies classified to agriculture, forestry, fishing and hunting. (e)For July 1987 includes temporary Australian Electoral Commission employees.



TABLE 9. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA - SECTOR AND INDUSTRY

Industry	Number of employees('000)		Number of employees('000)					Gross earnings	
	September 1987	September 1987	September 1986	June 1987	July 1987	August 1987	September 1987	September Quarter 1987	September Quarter 1987
	Persons	Persons	Persons	Persons	Persons	Males	Females	Persons	\$m
PRIVATE									
Mining	17.8	18.0	16.8	4.0	4.4	3.8	0.6	4.5	40.7
Manufacturing	8.1	8.1	8.0	89.0	92.9	69.6	24.7	94.3	495.2
Electricity, gas and water, construction	9.4	9.4	14.4	15.0	14.9	13.0	2.1	15.1	85.5
Wholesale and retail trade	8.3	8.3	8.6	86.0	86.2	49.1	41.7	90.8	345.8
Transport and storage	4.1	4.1	9.6	10.7	10.3	7.9	2.6	10.5	55.5
Finance, property and business services	8.1	8.1	41.3	43.2	42.2	17.4	24.9	42.3	186.9
Banking	3.8	3.8	5.3	5.6	5.6	2.6	3.1	5.6	17.8
Non-bank finance, investment and insurance	2.9	2.9	9.3	9.8	9.5	4.1	5.3	9.3	49.4
Property and business services	1.9	1.9	26.7	27.8	27.0	10.7	16.6	27.3	119.8
Community services	3.3	3.3	37.5	40.9	42.5	14.0	29.2	43.2	173.8
Health	1.0	1.0	22.5	24.1	23.4	3.9	19.6	23.5	93.6
Education, museum and library services	3.4	3.4	5.4	5.8	5.7	1.9	4.1	6.0	29.4
Welfare and other community services	1.1	1.1	9.6	11.0	13.3	8.2	5.5	13.7	50.8
Recreation, personal and other services(a)	1.1	1.1	28.8	30.8	28.9	11.2	17.9	29.2	81.9
Total all industries(b)	17.8	18.0	310.6	324.1	326.5	186.1	143.8	329.9	1,465.6
PUBLIC									
Agriculture, forestry, fishing and hunting	0.7	0.7	0.7	0.7	0.9	0.7	0.1	0.8	5.2
Mining	1.1	1.1	1.1	1.2	1.2	1.0	0.2	1.2	8.7
Manufacturing	4.2	4.2	4.2	4.0	4.0	3.7	0.4	4.1	20.0
Electricity, gas and water, construction	14.8	14.8	14.8	14.7	14.6	13.2	1.3	14.6	83.4
Wholesale and retail trade	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	1.2
Transport and storage	11.0	11.0	11.0	11.4	11.4	10.3	0.9	11.3	74.6
Communication	11.0	11.0	11.0	10.7	10.6	8.2	2.3	10.5	67.4
Finance, property and business services	9.1	9.1	9.1	9.4	9.3	5.0	4.4	9.5	52.3
Banking	5.6	5.6	5.6	5.8	5.8	2.9	2.9	5.8	27.8
Non-bank finance, investment and insurance	1.2	1.2	1.2	1.2	1.2	0.6	0.7	1.3	7.0
Property and business services	2.4	2.4	2.4	2.3	2.3	1.5	0.9	2.4	17.5
Public administration and defence(c)(c)	22.9	22.9	22.9	20.3	26.9	13.3	7.9	21.1	125.2
Community services	75.6	75.6	75.6	80.2	79.4	32.6	47.6	80.1	426.5
Health	29.2	29.2	29.2	29.5	29.3	7.4	22.0	29.4	156.0
Education, museum and library services	36.4	36.4	36.4	37.7	37.0	15.3	22.3	37.6	181.7
Welfare and other community services	9.9	9.9	9.9	13.1	13.0	9.9	3.3	13.1	88.8
Recreation, personal and other services	3.4	3.4	3.4	3.4	2.6	1.1	1.6	2.7	12.9
Total all industries(e)	154.1	154.1	154.1	156.1	161.0	89.2	66.8	156.0	877.3

For footnotes see end of table.



TABLE 9. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	September 1986	June 1987	July 1987	August 1987	September 1987	September 1987	September Quarter 1987	\$m
	Persons	Persons	Persons	Males Females Persons	Persons	Persons		
PRIVATE AND PUBLIC								
Mining	5.1	5.6	5.6	4.8 0.8	5.6	5.8		49.4
Manufacturing	93.2	96.9	97.2	73.3 25.1	98.4	97.6		515.2
Food, beverages and tobacco	18.0	18.4	18.5	12.9 5.7	18.7	18.8		90.2
Textiles; clothing and footwear	7.0	7.0	7.2	2.9 4.3	7.2	7.2		32.6
Wood and wood products	4.7	4.9	5.0	4.3 0.7	5.0	5.0		24.4
Furniture and mattresses	2.4	2.2	2.7	2.3 0.4	2.8	2.8		10.3
Paper, paper products, printing and publishing	8.0	8.2	8.8	5.9 3.2	9.1	9.0		47.0
Chemical, petroleum and coal products	2.8	2.7	2.7	2.1 0.5	2.6	2.6		17.5
Non-metallic mineral products	3.2	2.9	2.9	2.7 0.3	3.0	2.7		17.2
Basic metal products	7.4	7.7	7.5	6.9 0.6	7.5	7.4		52.1
Fabricated metal products	7.8	7.8	7.6	6.2 1.7	7.9	7.9		38.4
Motor vehicles and parts	11.2	12.3	12.1	10.9 1.3	12.1	12.3		69.0
Other transport equipment	2.2	1.9	2.0	2.0 0.1	2.0	2.1		10.3
Other machinery and equipment	12.2	14.2	13.9	9.9 4.1	14.0	13.5		72.4
Miscellaneous manufacturing	6.1	6.7	6.4	4.2 2.3	6.4	6.4		33.8
Electricity, gas and water	11.1	11.1	11.1	10.0 1.0	11.0	10.9		63.2
Construction	18.0	18.6	18.4	16.2 2.4	18.6	18.6		105.7
Wholesale and retail trade	86.2	86.4	90.3	49.2 41.8	91.0	90.8		347.0
Wholesale trade	27.3	27.9	31.0	22.9 8.5	31.4	30.9		173.5
Retail trade	58.9	58.5	59.2	26.3 33.3	59.6	59.9		173.4
Motor vehicles, petrol, tyres	13.2	12.9	12.5	9.9 2.5	12.4	12.5		43.1
Other retail trade	45.7	45.6	46.8	16.5 30.7	47.2	47.4		130.3
Transport and storage	20.6	22.1	21.7	18.2 3.5	21.8	21.8		130.1
Road transport	9.5	9.5	9.2	7.6 1.8	9.5	9.4		51.4
Other transport and storage	11.1	12.6	12.5	10.6 1.7	12.3	12.4		78.7
Communication	11.1	10.7	10.7	8.2 2.3	10.6	10.5		67.7
Finance, property and business services	50.4	52.6	51.5	22.4 29.3	51.7	52.1		239.2
Banking	10.9	11.4	11.4	5.5 5.9	11.4	11.5		45.6
Non-bank finance and investment	5.8	6.5	6.1	2.3 3.8	6.1	6.2		31.0
Insurance and services to insurance	4.6	4.5	4.6	2.3 2.1	4.5	4.7		25.4
Property and business services	29.1	30.1	29.3	12.2 17.5	29.7	29.7		137.3
Public admin. and defence(c)(e)	22.9	20.3	26.9	13.3 7.9	21.1	21.3		125.2
Commonwealth government admin.(e)	5.4	5.8	11.9	3.3 2.7	6.0	5.9		37.0
State government admin.	4.4	4.7	5.3	3.2 2.1	5.3	5.3		35.4
Local government admin.	8.4	8.2	8.1	5.9 2.4	8.3	8.4		42.2
Other public admin. and defence(c)	4.7	1.7	1.6	0.9 0.7	1.6	1.6		10.6
Community services	113.1	121.1	121.9	46.6 76.8	123.4	123.2		600.3
Health	51.7	53.6	52.7	11.2 41.6	52.8	52.9		249.6
Education, museum and library services	41.8	43.4	42.8	17.3 26.4	43.6	43.5		211.1
Welfare and other community services	19.6	24.1	26.4	18.1 8.8	26.9	26.8		139.6
Recreation, personal and other services(a)	32.2	34.2	31.5	12.3 19.5	31.8	32.4		94.8
Entertainment and recreational services	7.6	8.1	6.8	3.4 3.4	6.9	6.8		27.0
Restaurants, hotels; personal services	24.6	26.1	24.7	8.9 16.0	24.9	25.6		67.8
Total all industries(d)(e)	464.7	480.2	487.5	275.3 210.6	485.9	485.8		2,342.9

(a)Excludes private households employing staff. (b)Includes employees of private enterprises classified to communication. (c)Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d)Includes employees of government agencies classified to agriculture, forestry, fishing and hunting. (e)For July 1987 includes temporary Australian Electoral Commission employees.



TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA - SECTOR AND INDUSTRY

Industry	Number of employees('000)										Gross earnings	
	September 1987		August 1987		September 1986		June 1987		July 1987		September 1987	
	Persons	Persons	Persons	Persons	Persons	Persons	Persons	Persons	Persons	Persons	Persons	\$m
PRIVATE												
Mining	23.0	23.4	23.7	20.5	3.1	23.6	23.5	207.2				
Manufacturing	67.6	67.1	65.7	52.1	14.7	66.8	67.3	367.0				
Electricity, gas and water; construction	19.1	20.1	21.0	18.9	3.1	22.0	21.9	138.7				
Wholesale and retail trade	99.4	105.2	109.0	57.2	52.2	109.3	106.4	399.6				
Transport and storage	17.9	17.3	16.1	12.4	3.7	16.1	16.2	103.4				
Finance, property and business services	49.0	52.5	48.7	22.6	27.4	50.0	50.3	276.3				
Banking	5.9	6.0	5.6	2.3	3.2	5.5	5.5	25.3				
Non-bank finance, investment and insurance	11.5	12.1	12.0	4.9	7.3	12.3	12.0	74.7				
Property and business services	31.5	34.4	31.2	15.4	16.9	32.2	32.8	176.3				
Community services	37.8	36.4	36.9	7.7	29.6	37.3	37.2	145.1				
Health	22.8	22.5	22.5	3.5	19.0	22.5	22.2	85.3				
Education, museum and library services	6.2	5.1	5.4	1.5	4.2	5.7	5.7	23.7				
Welfare and other community services	8.8	8.8	9.0	2.7	6.4	9.1	9.4	36.1				
Recreation, personal and other services(a)	39.9	44.7	40.9	15.7	25.7	41.4	42.2	124.8				
<b>Total all industries(b)</b>	<b>353.9</b>	<b>366.7</b>	<b>362.0</b>	<b>207.1</b>	<b>159.5</b>	<b>366.6</b>	<b>364.9</b>	<b>1,762.4</b>				
PUBLIC												
Agriculture, forestry, fishing and hunting	1.5	1.3	1.5	1.2	0.3	1.5	1.5	8.3				
Mining	0.1	0.1	0.1	0.1	-	0.1	0.1	0.4				
Manufacturing	3.4	3.0	3.0	2.6	0.4	3.0	3.2	16.7				
Electricity, gas and water; construction	16.2	15.4	15.3	13.8	1.4	15.3	15.2	100.9				
Wholesale and retail trade	0.3	0.3	0.3	0.2	0.1	0.3	0.3	2.0				
Transport and storage	10.5	10.1	10.1	9.0	1.0	10.0	9.9	65.1				
Communication	10.5	10.3	10.3	7.7	2.5	10.2	10.2	64.2				
Finance, property and business services	9.1	9.6	9.6	4.7	4.9	9.6	9.6	48.5				
Banking	5.5	5.7	5.6	2.4	3.2	5.6	5.6	26.3				
Non-bank finance, investment and insurance	1.3	1.4	1.4	0.6	0.8	1.4	1.5	7.3				
Property and business services	2.3	2.5	2.5	1.7	0.8	2.5	2.5	14.9				
Public administration and defence(c)(c)	23.7	23.3	29.4	14.8	8.5	23.3	23.2	136.3				
Community services	82.2	83.1	80.9	32.9	49.2	82.1	82.6	459.5				
Health	29.7	30.2	30.1	8.4	21.6	30.0	30.1	170.9				
Education, museum and library services	40.8	40.9	39.1	16.1	24.3	40.4	40.7	215.6				
Welfare and other community services	11.7	12.0	11.7	8.4	3.3	11.7	11.8	73.0				
Recreation, personal and other services	2.2	2.0	2.1	1.1	1.0	2.1	2.1	11.3				
<b>Total all industries(e)</b>	<b>159.7</b>	<b>158.6</b>	<b>162.5</b>	<b>88.1</b>	<b>69.3</b>	<b>157.5</b>	<b>158.1</b>	<b>913.1</b>				

For footnotes see end of table.



TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)										Gross earnings
	September 1986	June 1987	July 1987	August 1987		September 1987	September Quarter 1987	\$m			
PRIVATE AND PUBLIC											
Mining	23.1	23.5	23.8	20.5	3.1	23.6	23.5	207.6			
Manufacturing	71.1	70.1	68.7	54.7	15.1	69.8	70.5	383.7			
Food, beverages and tobacco	13.7	12.1	11.3	8.1	4.2	12.4	12.9	60.9			
Textiles; clothing and footwear	2.7	2.6	2.6	1.1	1.4	2.6	2.7	12.2			
Wood and wood products	5.3	5.0	4.8	4.3	0.5	4.9	4.9	24.6			
Furniture and mattresses	3.7	4.3	4.5	3.6	0.9	4.5	4.5	21.0			
Paper, paper products, printing and publishing	9.8	8.1	8.6	5.3	3.2	8.6	8.6	41.4			
Chemical, petroleum and coal products	3.1	3.4	3.4	3.0	0.5	3.5	3.5	24.7			
Non-metallic mineral products	4.9	4.7	4.6	4.1	0.6	4.6	4.7	27.8			
Basic metal products	5.3	6.5	6.6	6.1	0.5	6.6	6.5	47.9			
Fabricated metal products	7.2	7.5	7.5	6.4	0.8	7.2	7.2	40.9			
Transport equipment	5.1	4.3	4.4	4.1	0.3	4.4	4.4	24.6			
Other machinery and equipment	7.6	8.7	7.8	6.6	1.3	7.9	7.9	44.5			
Miscellaneous manufacturing	2.7	2.7	2.6	1.9	0.8	2.6	2.7	13.3			
Electricity, gas and water	11.4	10.9	10.9	9.9	0.9	10.8	10.8	72.8			
Construction	24.0	24.6	25.4	22.8	3.7	26.5	26.3	166.9			
Wholesale and retail trade	99.8	105.5	109.4	57.4	52.3	109.6	106.7	401.6			
Wholesale trade	27.6	29.1	29.2	20.8	8.3	29.0	29.2	158.5			
Retail trade	72.1	76.4	80.1	36.6	44.0	80.6	77.5	243.1			
Motor vehicles, petrol, tyres	17.3	18.9	17.5	13.4	4.1	17.4	17.3	76.3			
Other retail trade	54.8	57.5	62.7	23.2	40.0	63.2	60.2	166.7			
Transport and storage	28.3	27.4	26.1	21.5	4.6	26.1	26.1	168.5			
Road transport	11.2	10.8	10.3	8.5	1.8	10.2	10.3	56.4			
Other transport and storage	17.1	16.7	15.9	13.0	2.9	15.9	15.8	112.1			
Communication	10.5	10.3	10.3	7.7	2.5	10.2	10.2	64.3			
Finance, property and business services	58.1	62.1	58.2	27.3	32.3	59.6	59.8	324.8			
Banking	11.4	11.7	11.2	4.7	6.4	11.1	11.1	51.5			
Non-bank finance and investment	7.6	7.7	7.5	3.0	4.7	7.7	7.6	50.6			
Insurance and services to insurance	5.2	5.8	5.9	2.5	3.5	6.0	5.9	31.5			
Property and business services	33.8	36.9	33.7	17.1	17.7	34.8	35.3	191.2			
Public admin. and defence(c)(e)	23.7	23.3	29.4	14.8	8.5	23.3	23.2	136.3			
Commonwealth government admin.(c)	6.4	6.6	12.8	3.3	3.1	6.4	6.3	41.0			
State government admin.	5.6	5.3	5.2	3.3	1.9	5.2	5.3	36.7			
Local government admin.	10.3	10.2	10.0	7.4	3.0	10.4	10.4	50.4			
Other public admin. and defence(c)	1.5	1.3	1.3	0.8	0.5	1.3	1.3	8.2			
Community services	120.0	119.5	117.8	40.6	78.8	119.4	119.8	604.6			
Health	52.5	52.7	52.6	11.9	40.6	52.6	52.3	256.2			
Education, museum and library services	47.0	46.0	44.5	17.6	28.5	46.1	46.4	239.3			
Welfare and other community services	20.5	20.8	20.7	11.1	9.7	20.8	21.1	109.1			
Recreation, personal and other services(a)	42.1	46.7	43.1	16.9	26.6	43.5	44.3	136.1			
Entertainment and recreational services	5.7	7.6	7.4	3.7	3.7	7.5	7.5	29.0			
Restaurants, hotels; personal services	36.4	39.1	35.6	13.2	22.9	36.1	36.8	107.1			
Total all industries(d)(e)	513.5	525.3	524.5	295.2	228.8	524.0	523.0	2,675.5			

(a)Excludes private households employing staff. (b)Includes employees of private enterprises classified to communication. (c)Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d)Includes employees of government agencies classified to agriculture, forestry, fishing and hunting. (e)For July 1987 includes temporary Australian Electoral Commission employees.



TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA - SECTOR AND INDUSTRY

Industry	Number of employees ('000)										Gross earnings	
	Private					Public					September Quarter 1987	
	September 1986	June 1987	July 1987	August 1987	September 1987	September 1986	June 1987	July 1987	August 1987	September 1987	Persons	\$m
<b>PRIVATE</b>												
Mining	3.0	3.0	3.0	2.8	0.2	3.0	3.0	24.1				
Manufacturing	24.3	24.6	24.9	19.5	5.2	24.7	24.0	133.7				
Electricity, gas and water; construction	4.5	4.8	4.7	4.3	0.7	4.9	4.8	23.2				
Wholesale and retail trade	25.7	26.7	25.8	13.4	12.4	25.8	26.2	95.3				
Transport and storage	3.7	4.0	4.0	3.2	0.8	4.1	4.1	21.5				
Finance, property and business services	11.9	14.3	12.5	5.4	7.1	12.5	12.5	\$ 60.3				
Banking	2.2	2.3	2.3	1.0	1.3	2.3	2.3	10.7				
Non-bank finance, investment and insurance	2.1	2.3	2.4	0.9	1.5	2.5	2.5	\$ 14.1				
Property and business services	\$ 7.6	\$ 9.8	\$ 7.8	\$ 3.5	\$ 4.2	\$ 7.7	\$ 7.8	\$ 35.5				
Community services	11.8	12.9	13.3	3.3	10.1	13.4	13.3	50.8				
Health	6.4	6.7	6.7	0.8	6.0	6.8	6.8	25.5				
Education, museum and library services	2.4	2.8	2.8	\$ 0.8	2.0	2.8	2.8	12.6				
Welfare and other community services	3.1	3.5	3.7	1.6	2.1	3.8	3.8	12.8				
Recreation, personal and other services(a)	8.3	10.1	9.7	4.3	5.9	10.3	9.6	27.5				
<b>Total all industries(b)</b>	<b>93.2</b>	<b>100.5</b>	<b>98.0</b>	<b>56.3</b>	<b>42.3</b>	<b>98.6</b>	<b>97.6</b>	<b>436.4</b>				
<b>PUBLIC</b>												
Agriculture, forestry, fishing and hunting	0.7	0.8	0.8	0.6	0.1	0.8	0.7	4.5				
Manufacturing	0.1	0.1	0.1	0.1	-	0.1	0.1	0.7				
Electricity, gas and water; construction	7.7	7.3	7.3	6.6	0.6	7.2	7.0	46.8				
Wholesale and retail trade	0.2	0.2	0.2	0.1	0.1	0.2	0.2	1.0				
Transport and storage	3.0	2.8	2.8	2.6	0.2	2.8	2.8	16.5				
Communication	3.4	3.4	3.3	2.6	0.7	3.3	3.3	21.6				
Finance, property and business services	2.4	2.6	2.6	1.7	0.9	2.6	2.6	15.5				
Banking	0.8	0.8	0.8	0.4	0.4	0.8	0.8	4.0				
Non-bank finance, investment and insurance	0.5	0.5	0.5	0.3	0.3	0.5	0.5	3.4				
Property and business services	1.1	1.3	1.3	1.0	0.3	1.3	1.3	8.1				
Public administration and defence(c)(e)	7.4	8.5	10.6	5.7	2.8	8.6	8.6	50.2				
Community services	28.0	27.3	27.1	10.7	16.8	27.5	27.8	154.6				
Health	10.3	10.6	10.5	2.7	7.9	10.6	10.6	57.8				
Education, museum and library services	13.8	13.6	13.6	5.8	8.0	13.8	14.0	74.9				
Welfare and other community services	4.0	3.1	3.0	2.2	0.8	3.0	3.1	21.9				
Recreation, personal and other services	1.0	0.7	0.6	0.4	0.2	0.6	0.6	3.9				
<b>Total all industries(e)</b>	<b>53.8</b>	<b>53.7</b>	<b>55.4</b>	<b>31.0</b>	<b>22.5</b>	<b>53.6</b>	<b>53.7</b>	<b>315.3</b>				

For footnotes see end of table.



TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)							Gross earnings	
	September 1986	June 1987	July 1987	August 1987	September 1987	September 1987	September 1987	September 1987	September 1987
	Persons	Persons	Persons	Males Females	Persons	Persons	Persons	\$m	
PRIVATE AND PUBLIC									
Mining	3.0	3.0	3.0	2.8 0.2	3.0	3.0	24.1		
Manufacturing	24.4	24.7	25.0	19.6 5.2	24.8	24.2	134.4		
Food, beverages and tobacco	5.7	5.5	5.9	3.6 2.1	5.8	5.2	27.0		
Textiles; clothing and footwear	2.0	1.9	2.0	1.0 1.0	2.0	2.0	8.5		
Wood; wood products and furniture	3.7	3.9	3.9	3.5 0.3	3.8	3.8	20.5		
Paper, paper products, printing and publishing	5.2	5.4	5.5	4.6 0.8	5.4	5.4	33.7		
Chemical, petroleum and coal products	0.8	0.8	0.9	0.8 0.1	0.9	0.9	5.4		
Non-metallic mineral products	0.8	0.8	0.7	0.6 0.1	0.7	0.7	4.2		
Basic metal products	3.1	2.9	2.9	2.8 0.1	2.9	2.9	20.0		
Fabricated metal products	1.4	1.5	1.6	1.4 0.2	1.5	1.6	6.9		
Transport equipment	0.8	0.9	0.7	0.6 0.1	0.7	0.7	3.7		
Other manufacturing	0.8	1.1	1.0	0.6 0.4	1.0	1.0	4.5		
Electricity, gas and water	5.6	5.4	5.3	4.8 0.4	5.2	5.1	34.2		
Construction	6.5	6.8	6.7	6.0 0.9	6.9	6.7	35.8		
Wholesale and retail trade	25.9	26.9	26.0	13.5 12.4	26.0	26.4	96.3		
Wholesale trade	7.5	7.6	7.5	5.6 2.1	7.7	7.6	37.0		
Retail trade	18.3	19.3	18.5	8.0 10.4	18.3	18.8	59.3		
Motor vehicles, petrol, tyres	3.8	4.0	3.7	3.0 0.8	3.8	4.0	15.8		
Other retail trade	14.6	15.3	14.8	5.0 9.6	14.6	14.8	43.5		
Transport and storage	6.7	6.8	6.8	5.8 1.0	6.8	6.9	38.0		
Road transport	2.6	2.9	2.7	2.5 0.3	2.8	2.8	13.1		
Other transport and storage	4.1	3.9	4.1	3.3 0.7	4.1	4.1	24.9		
Communication	3.4	3.4	3.4	2.6 0.7	3.3	3.3	21.6		
Finance, property and business services	14.3	16.9	15.2	7.1 8.0	15.1	15.1	75.8		
Banking	2.9	3.0	3.0	1.4 1.6	3.0	3.0	14.7		
Non-bank finance and investment	1.2	1.2	1.4	0.4 0.9	1.4	1.4	8.1		
Insurance and services to insurance	1.5	1.5	1.6	0.8 0.9	1.6	1.7	9.3		
Property and business services	\$ 8.7	\$ 11.1	\$ 9.2	\$ 4.5 \$ 4.6	\$ 9.1	\$ 9.1	\$ 43.6		
Public admin. and defence(c)(e)	7.4	8.5	10.6	5.7 2.8	8.6	8.6	50.2		
Commonwealth government admin.(c)	1.9	1.9	4.0	1.1 0.9	2.0	2.0	12.0		
State government admin.	1.8	2.6	2.4	1.6 0.9	2.4	2.5	15.9		
Local government admin.	3.1	3.2	3.2	2.4 0.8	3.2	3.2	16.7		
Other public admin. and defence(c)	0.5	0.9	0.9	0.6 0.3	0.9	0.9	5.7		
Community services	39.8	40.3	40.4	14.0 26.8	40.8	41.1	205.4		
Health	16.6	17.3	17.3	3.5 13.9	17.4	17.5	83.3		
Education, museum and library services	16.1	16.4	16.4	6.6 10.0	16.7	16.7	87.5		
Welfare and other community services	7.1	6.6	6.7	3.9 2.9	6.8	6.9	34.6		
Recreation, personal and other services(a)	9.3	10.7	10.3	4.7 6.2	10.9	10.2	31.4		
Entertainment and recreational services	2.4	3.3	3.3	2.3 1.6	3.9	3.2	13.2		
Restaurants, hotels; personal services	6.9	7.4	7.0	2.4 4.6	7.0	7.1	18.2		
Total all industries(d)(e)	147.0	154.2	153.4	87.3 64.9	152.2	151.3	751.7		

(a)Excludes private households employing staff. (b)Includes employees of private enterprises classified to communication. (c)Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d)Includes employees of government agencies classified to agriculture, forestry, fishing and hunting. (e)For July 1987 includes temporary Australian Electoral Commission employees.







TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIAN CAPITAL TERRITORY - INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	September 1986	June 1987	July 1987	August 1987		September 1987	September Quarter 1987	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Manufacturing	4.0	4.5	4.5	3.3	1.2	4.6	4.6	26.6
Electricity, gas and water	1.0	1.0	0.9	0.8	0.1	0.9	0.9	6.3
Construction	6.0	3.8	4.3	3.5	0.7	4.2	4.2	24.7
Wholesale and retail trade	16.4	18.3	17.4	8.8	8.7	17.5	17.5	70.5
Transport and storage	4.2	3.5	4.5	3.6	0.9	4.5	4.3	27.6
Communication	2.1	2.1	2.0	1.3	0.7	2.0	2.0	12.0
Finance, property and business services	10.2	12.0	10.9	5.7	5.7	11.5	11.6	63.6
Public administration and defence(a)(d)	35.0	38.0	37.4	20.8	16.0	36.8	36.5	282.6
Community services	31.5	31.2	30.6	11.6	19.3	30.9	31.4	190.4
Health	8.6	8.4	7.8	1.5	6.1	7.7	7.9	46.9
Education, museum and library services	15.4	14.7	13.8	5.8	8.4	14.2	14.6	89.7
Welfare and other community services	8.5	8.1	9.0	4.2	4.8	9.0	8.8	53.9
Recreation, personal and other services(b)	8.5	8.2	8.9	4.6	4.6	9.2	9.1	34.2
Total all industries(c)(d)	119.1	122.7	121.6	64.3	57.9	122.2	122.3	740.1

(a)Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b)Excludes private households employing staff. (c)Includes mining and employees of government agencies classified to agriculture, forestry, fishing and hunting. (d)For July 1987 includes temporary Australian Electoral Commission employees.



TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, PRIVATE SECTOR - EMPLOYER SIZE(a)

		Less than 20 employees	20-99 employees	100 or more employees	Total					
	Aug. 1987	Sept. Quarter 1987	Aug. 1987	Sept. Quarter 1987	Aug. 1987	Sept. Quarter 1987	Aug. 1987	Sept. Quarter 1987	Aug. 1987	Sept. Quarter 1987
	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)
AUSTRALIA BY INDUSTRY										
Mining	4.6	28.9	8.6	76.7	64.8	633.5	78.0	739.1		
Manufacturing	179.9	777.7	216.2	1,115.7	612.4	3,826.2	1,008.5	5,719.5		
Electricity, gas and water	0.2	0.8	0.3	2.2	5.1	33.9	5.6	37.0		
Construction	109.4	493.3	56.4	379.5	50.3	396.9	216.1	1,269.7		
Wholesale and retail trade	460.7	1,679.1	233.8	1,170.4	445.9	1,842.3	1,140.4	4,691.8		
Transport and storage	52.0	217.2	35.7	217.9	56.8	415.9	144.4	851.0		
Finance, property and business services	208.3	1,001.4	151.2	907.2	237.5	1,319.9	596.9	3,228.6		
Community services	139.7	559.8	112.3	456.9	204.7	893.1	456.7	1,909.8		
Recreation, personal and other services(b)	171.9	453.9	118.9	365.2	96.0	370.5	386.8	1,189.6		
Total all industries(c)	1,327.0	5,214.0	933.6	4,693.2	1,773.6	9,732.2	4,034.1	19,639.4		
STATES AND TERRITORIES										
New South Wales	471.2	1,905.1	306.1	1,583.9	652.9	3,825.2	1,430.3	7,314.3		
Victoria	354.4	1,429.7	298.9	1,512.0	508.9	2,801.2	1,162.2	5,742.9		
Queensland	200.1	729.1	119.2	572.6	242.5	1,222.7	561.8	2,524.4		
South Australia	108.5	408.0	76.5	354.7	144.9	702.8	329.9	1,465.6		
Western Australia	123.1	462.6	80.1	431.7	163.3	868.1	366.6	1,762.4		
Tasmania	36.3	131.4	26.2	114.2	36.1	190.9	98.6	436.4		
Northern Territory	11.7	55.1	11.6	57.9	10.1	47.5	33.4	160.4		
Australian Capital Territory	21.6	93.0	15.0	66.2	14.8	73.8	51.3	233.1		

(a) See Explanatory notes, paragraphs 28-29. (b) Excludes private households employing staff. (c) Includes employees of private enterprises classified to communication.



## TECHNICAL NOTE

## Reliability of estimates

Estimates for the private sector in this publication are subject to sampling variability because they are based on information relating to a sample of employers rather than a full enumeration, (i.e. they may differ from the figures that would have been produced if the information had been obtained from all private employers). This difference, called sampling error, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by the ABS; such inaccuracy is referred to as non-sampling error and may occur in any enumeration, whether it be a full count or sample. Efforts have been made to reduce the non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing. Data for the government sector are obtained from a full enumeration of all agencies and thus are not subject to sampling errors.

2. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the standard error which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. If the standard error of an estimate is large relative to the size of the estimate, the usefulness of that estimate is seriously impaired. For the tables in this publication, es-

timates with standard errors greater than 25 per cent have been footnoted.

4. Standard errors on *levels* for industries are shown only for the third month of the quarter. As the survey is conducted quarterly from a common sample of employers, who report employment details for each month of the quarter, standard errors on all estimates for total persons employed in each month are of a similar magnitude.

5. Standard errors on *movements* provide a measure of the reliability of changes in the level of an estimate. Table A shows standard errors for movements in the level of estimates for persons between the third month of successive quarters. Standard errors for annual movements are updated each December quarter as the magnitude of standard errors for annual movements does not change significantly over the course of a single year.

6. An example of the use of standard error on *levels* is as follows. If the estimated number of wage and salary earners was 5,500,000 with a standard error of 25,000, then there would be about two chances in three that a full enumeration would have given a figure in the range 5,475,000 to 5,525,000 and about nineteen chances in twenty that it would be in the range 5,450,000 to 5,550,000.

7. Standard errors for earnings are approximately the same relative size as standard errors for employment. Detailed standard errors for both employment and earnings are available on request.

TABLE A. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - PRIVATE SECTOR :  
STANDARD ERRORS, SEPTEMBER 1987, PERSONS ('000)

Industry	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
LEVEL									
Mining	0.8	0.2	0.3	0.2	1.6	-	0.1	-	1.9
Manufacturing	5.3	5.4	2.9	2.5	2.5	0.3	0.2	0.4	8.8
Construction	3.1	2.6	2.7	0.8	2.0	0.4	0.3	0.4	5.4
Wholesale and retail trade	12.9	9.9	5.4	4.1	3.5	1.0	1.0	2.0	18.2
Transport and storage	1.9	1.8	1.3	0.6	1.2	0.2	0.3	0.4	3.3
Finance, property and business services	7.1	12.5	3.2	5.1	3.7	2.6	0.7	1.4	16.3
Community services	5.8	6.2	2.9	2.8	1.7	1.4	3.1	2.2	10.4
Recreation, personal and other services(a)	4.6	6.9	5.4	1.3	7.6	0.6	1.2	0.6	12.6
Total all industries	17.7	19.5	9.8	7.7	10.1	3.2	3.6	3.4	31.4
QUARTERLY MOVEMENT									
Mining	0.3	0.2	0.2	0.1	0.6	-	-	-	0.7
Manufacturing	4.6	3.7	2.0	1.2	1.2	0.2	0.2	0.1	6.5
Construction	1.7	1.3	1.5	0.8	1.1	0.3	0.3	0.2	3.0
Wholesale and retail trade	7.5	6.7	3.5	3.1	2.8	0.6	0.8	1.6	11.6
Transport and storage	1.1	2.5	0.7	0.4	0.6	0.2	0.2	0.3	2.9
Finance, property and business services	4.2	6.4	2.4	1.7	2.3	1.7	0.4	0.6	8.7
Community services	4.0	3.5	1.8	1.3	0.9	0.5	2.9	0.8	6.6
Recreation, personal and other services(a)	4.8	7.7	6.3	1.6	6.6	0.4	1.1	0.9	13.0
Total all industries	11.8	13.4	8.2	4.4	7.8	2.0	3.2	2.1	22.0
ANNUAL MOVEMENT(b)									
Mining	0.7	0.2	0.8	0.4	1.1	0.1	0.1	-	1.6
Manufacturing	5.4	4.5	2.9	2.0	2.8	0.3	0.3	0.3	8.4
Construction	2.6	2.3	2.7	0.7	1.9	0.3	0.4	0.4	4.9
Wholesale and retail trade	6.7	8.2	4.3	3.8	3.2	0.9	1.3	2.1	12.8
Transport and storage	2.1	1.5	1.5	0.4	1.6	0.1	0.1	0.2	3.5
Finance, property and business services	4.6	7.2	3.6	3.7	2.5	1.5	1.5	1.1	10.5
Community services	3.1	4.5	1.9	1.5	2.7	1.0	2.9	1.9	7.5
Recreation, personal and other services(a)	4.2	6.0	5.0	1.3	5.3	0.7	0.5	0.8	10.5
Total all industries	11.6	14.3	8.9	6.1	8.2	2.1	3.6	3.2	23.4

(a) Excludes private households employing staff. (b) See paragraph 5 above.



